C-O-N-F-I-D-E-N-T-I-A-L

CODIB-D-111/1.9/3

23 February 1966

UNITED STATES INTELLIGENCE BOARD

COMMITTEE ON DOCUMENTATION

Final Report: Task Team IX
(ADP Systems Library)

Subject report is attached for coordination within member agencies/ departments and discussion at a subsequent meeting, for development of CODIB recommendations to the USIB.

25X1A

[redacted]

Charles A. Briggs
Secretary

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GROUP I
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UNITED STATES INTELLIGENCE BOARD

COMMITTEE ON DOCUMENTATION

TASK TEAM IX - ADP SYSTEMS LIBRARY

FINAL REPORT

T/IX/R-1

4 February 1966

Group I
Excluded from automatic
downgrading and
declassification.

T/IX/R-1
4 February 1966

U N I T E D S T A T E S I N T E L L I G E N C E B O A R D

COMMITTEE ON DOCUMENTATION

TASK TEAM IX - ADP SYSTEMS LIBRARY

MEMORANDUM FOR: Chairman, Committee on Documentation

SUBJECT: Submission of Final Report

1. Submitted herewith is the Final Report of Task Team IX for CODIB consideration and approval. The report has one attachment which is the draft, as approved by the Task Team, of the recommended Instruction Manual for Submission of Entries to the USIB ADPS File and Program Catalog System (FPCS).

2. The Final Report covers Task Team IX's recommended concept of the USIB ADP systems catalogs, the content of the catalogs, frequency of reporting and updating, and publication of the catalog by DIA on behalf of USIB. The Team has held nineteen meetings, from October, 1964 through December, 1965 with many redrafts between meetings to resolve differences. A combined total of approximately 1600 manhours has been expended by the Task Team members and supporting personnel (not counting CSS personnel). This total includes 500 manhours (professional and clerical) expended by DIA, exclusive of the Task Team IX members, in the preparation of the DIA Instruction 58-8-1 on which the Task Team IX draft of a USIB manual is based. This DIA Instruction includes recommendations made by Task Team IX members.

3. The Task Team has been composed of representatives from CIA, DIA, NSA and the Air Force (AFNINB), with State furnishing one "observer." Mr. Robert M. Landau of the CODIB Support Staff served as Secretary. Army (ACSI) and Navy (ONI) were unable to provide representation. This was of less significance than originally envisaged because, as explanined in the attached report, the Task Team is, in essence, recommending to CODIB a subset of the larger DIA-DoD

intelligence ADP catalog for which DIA has already obtained Army and Navy concurrences. The observer from State has indicated that his status is mainly derived from the fact that State has nothing to contribute to the USIB ADPS Library (or Catalog); it would, therefore, be inappropriate for State to try to influence Task Team IX's deliberations. Be this as it may, the question still remains whether State intends to abstain from reporting to the catalog even though at a future date the Department might develop and operate specific intelligence ADP projects. This question also applies to AEC and FBI even though they have not been represented on Task Team IX. The Task Team feels that the answer to this question can be obtained best through CODIB with its full USIB-agency representation.

4. As noted in the attached Final Report, three items remain temporarily unresolved because of work still in progress by other groups. The first refers to the Unit Identification Code (UIC). A new DoD UIC is currently being prepared by the JCS for DoD under a committee chaired by the Office, ASD (Comptroller). This new UIC is expected to be published by DoD during 1966; it will be included in the JCS PUB 7. In the meantime, Task Team IX has obtained the new UIC as prepared by JCS for all USIB agencies and for those DoD agencies most likely to contribute to the USIB File and Program Catalogs. The second item refers to the Intelligence Activity Codes which should be reconsidered when the Content Control Scheme being developed by CODIB Task Team I is published and approved. The third item refers to DIA's method of publishing the ADPS catalogs. A final DIA decision on the details of how to publish them has not yet been made, but whatever decision is made on behalf of USIB will, of course, be coordinated with USIB member agencies. Task Team IX recommends that these three remaining tasks be monitored by, or coordinated with, CODIB through the CODIB Support Staff. The Task Team feels that these three unresolved items are of an administrative nature which should not delay the submission of the Final Report.

5. The Final Report includes content lists for File Description and Program Description, and their associated indicators for "mandatory" and "optional" reporting items for non-DoD USIB agencies, all items being mandatory for DoD agencies. These mandatory USIB items represent the extent to which all members of Task Team IX could agree.

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[redacted]

Chairman

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Task Team Members:

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Mr. Robert M. Landau, CSS, Secretary

C-O-N-F-I-D-E-N-T-I-A-L

T/IX-R-1
4 February 1966

U N I T E D S T A T E S I N T E L L I G E N C E B O A R D

COMMITTEE ON DOCUMENTATION

TASK TEAM IX - ADP SYSTEMS LIBRARY

FINAL REPORT

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SUMMARY AND RECOMMENDATIONS

SUMMARY

1. Task Team IX found that the purpose of establishing and maintaining a catalog system reflecting ADP files and programs within the Intelligence Community is subject to different interpretations. DIA considers the catalog system as a management tool for guiding DoD intelligence ADPS developments as well as a general information register for the cognizance of all concerned. The Air Force member of the Task Team subscribed to this view. The CIA and NSA members saw little use of the catalog system as a management tool as far as their agencies were concerned. They felt that all that is needed from the system are answers to the two questions: "What intelligence ADP files and programs are available?" and "Where are they?" Once these questions are answered, the details required for decision making can be obtained by contacting the custodial agency. It was agreed, however, that since DIA will use the catalog system as a worldwide management tool, it needed more detailed answers to the two questions than did CIA and NSA. The reporting system developed was, therefore, designed to answer both needs by dividing the reporting items into two orders of responses: "mandatory" and "optional" for non-DoD USIB agencies and for NSA.

2. This reporting system means that CIA and NSA would submit data for all mandatory reporting items considered of common interest to all USIB agencies, but would respond to the optional reporting items only as and when the data are readily available and/or conform with the Agency policy. DoD intelligence agencies will respond to all reporting items both optional and mandatory. Both CIA and NSA Task Team members objected to reporting on ADP development efforts, limiting their reporting to operational ADP files and programs.

3. The Task Team membership represented only CIA, DIA, NSA, and Air Force, with State providing only an "observer" (who indicated that State has nothing to contribute to the ADPS catalog system). Because of this situation, the question remains unanswered whether State, AEC, and FBI will contribute to the catalog system as specific intelligence ADP files and programs become operational.

4. By request of USIB, DIA is already charged with the machine processing and publication of a catalog of ADP systems for SIGINT. By a separate DoD directive, DIA is similarly charged with developing an ADP catalog system for DoD intelligence agencies. At the time the Task

Team was formed in October 1964, DIA had already started to develop formats for the DoD reporting system. Since the objectives of the two reporting systems are identical, the Task Team left it to DIA to develop a single operating system to handle the preparation of both catalogs rather than two distinct systems. Accordingly, the USIB catalog system is recommended as a subset of the DoD system, both being identical except that non-DoD USIB agencies are not bound to report against all reporting items. The Task Team also left to DIA the responsibility for the design of the machine formats and programs to be used in the processing system, incorporating the Task Team reporting recommendations. The Task Team agreed with DIA's recommendations for quarterly publication of the two catalog systems (Files and Programs), but formulated specific instructions for methods of publication, breaking up the File and Program descriptions into a series of volumes reflecting various Security and Control levels.

5. The Task Team was unable to provide cost estimates for operating the catalog system as requested by the Chairman of CODIB, but gave an indication of manpower (i.e., time) requirements for preparation of inputs to the system, i.e., from two to four hours for reporting on each file or program description submitted. Because of the inability to provide a realistic cost estimate at this time, the Task Team finds it advisable to establish a method of annual appraisal of the cost and effectiveness of operating the system, a task recommended as a continuing assignment to the CODIB Support Staff.

6. The manual attached to this Final Report contains the instructions for submission of entries to the USIB ADPS File and Program Catalog System. This manual establishes the reporting system in form of punched cards, four series of cards for the specific file description (card formats 1, 2, 3 and 4), and four for the program description (card formats 5, 6, 7 and 8). All mandatory reporting items are preceded by an asterisk, all other items not so marked being optional. The first six reporting items (first 16 columns) of each card are necessary card identifiers which are standard for all cards submitted (report originator; file or program identifier; card format no.; card security; action code: addition of a new file or program description, or changing information already submitted). Of the 33 entries for file description, 20 are mandatory; of the 24 entries for program description, 18 are mandatory.

RECOMMENDATIONS

The Task Team Recommends That:

1. The Intelligence ADPS Manual: (U) Submission of Entries to the USIB ADPS File and Program Catalog System (FPCS), as contained in

Attachment 1 to this Final Report, be approved as a USIB publication.

2. Non-DoD USIB Agencies and NSA be charged with reporting against all "mandatory" items, leaving other items "optional" with the understanding that DoD intelligence agencies, except NSA, will report against all items.

3. The catalog system be published by DIA in accordance with the Security--Control system as indicated in paragraph 14 of this Final Report, i.e., descriptions of files and of programs should be published in four volumes each if so indicated by security classification: one for SAO--Controlled, one for SI (SSO--Controlled), one for Top Secret and Secret (whatever the highest security classification of total report contributions indicate), and one for Confidential and Unclassified.

4. The CODIB Support Staff, in conjunction with CIA, DIA, and NSA be charged with preparing a standard report format for an annual assessment by USIB agencies of cost figures in terms of manpower and dollar expenditures for maintaining the USIB FPCS and for commenting on the usefulness of the system. This annual assessment should be submitted to CODIB by the CODIB Support Staff.

DISCUSSION

1. Purpose of Catalog--Conflicting Opinions. In order to better understand the proposed concept of operation of the USIB ADP systems library (to be presented in form of a catalog), some general background on the views of the various agency representatives regarding the function of the library is necessary. The recommended concept is a result of efforts to resolve basic differences in the view of Task Team IX agency representatives. These differences are a result of conflicting opinions regarding the purpose of the ADP library.

2. To DIA the catalog of intelligence ADP files and programs has a two-fold purpose:

a. To serve as a management information system for DIA to aid in carrying out its worldwide DoD intelligence ADP management function.

b. To serve as a general USIB and DoD information register of exchangeable ADP intelligence files and programs.

With these considerations in mind and before the work of Task Team IX began, DIA, in response to DoD Directive No. 5100.40, dated 28 September 1963, developed a draft DIA Instruction No. 65-8-1: IDHS, Vol. VII, Management Systems: (U) Part 1, The ADP File and Program Catalog System (FPCS). This draft was used as a starting point for deliberations of Task Team IX, and it was the desire of DIA to consolidate the recommendations of Task Team IX with those of DIA into a single instruction which would satisfy DIA's objectives as well as those of other USIB agencies.

3. While recognizing that DIA had a second use for the catalog, both CIA and NSA felt that the extensive file and program information required by the DIA Instruction was unnecessary for USIB exchange purposes. They felt that the catalog need not contain all of the reporting details required by the DIA draft instruction. In fact, most of the controversy which developed during the meetings centered around the question of how much information needed to be submitted about each file or program in order for a potential user to determine whether or not he needed a particular file or program. CIA and NSA maintained that only a minimum amount of information about an exchangeable file or program should be recorded and circulated to potential users, and that if further information was necessary before a decision could be made by

a potential user, it could be obtained through subsequent contacts with the agency submitting the particular description. It was felt that heavy reliance should be placed on the content of the brief abstract which was to be submitted and that additional details were considered to be in the "nice to have" category. It was pointed out that no matter how many details were given in the description entered in the catalog, a prospective user of a file or program would have to contact the agency in possession of the file or program for additional details before a decision could be made. There was considerable support for this viewpoint, both from inter-governmental agency studies on the subject, and from previous USIB direction. The basic USIB directive which prompted the work of Task Team IX (USIB-S-13.1/4, 24 May 1963 approved by memorandum USIB-M-276, item 3, dated 26 June 1963) contained only nine reporting items related to ADP program and equipment descriptions (13 items if broken down into subcategories) compared with 26 items for the program descriptions required by the DIA draft. However, DIA consistently maintained that additional information beyond that outlined by the CIA and NSA representatives was needed in the general information catalog in order to satisfy their management responsibilities as well as to reduce the number of subsequent queries.

4. The USIB ADPS Catalog System - A Subset of the DIA/DoD Catalog System. The solution to these divergent viewpoints was not found until the Task Team agreed to the concept that the USIB ADP Catalog System would function as a compatible subset of the larger DIA-DoD Intelligence ADPS Catalog System. It was felt that it would be much more feasible and economical for DIA to develop a single operating system to handle the preparation of both catalogs rather than two distinct systems. It was further decided that, since DIA was charged with the machine processing and publication of the USIB catalog, they should be given full responsibility for the design of the machine formats and programs to be used in their processing system. The Task Team then decided to restrict its efforts to: (a) determining the method of reporting each item of information (not the arrangement or format of the items); (b) determining the items of information to be reported on a "mandatory" and "optional" basis by non-DoD USIB agencies; (c) determining the frequency, content and order of the catalogs to be published; and (d) preparing a draft USIB Instruction which is compatible with the proposed DIA Instruction in order that a single processing system can be used by DIA. Task Team IX then proceeded to recommend modifications to the DIA draft and to determine which reporting items in the revised DIA draft instruction, which contained these modifications, could be supplied on a mandatory basis by the non-DoD intelligence agencies. Only those items which the representatives unanimously agreed to submit are included as mandatory items. However, CIA and NSA have indicated that the optional items will

be reported when the information can be conveniently obtained and recorded.

5. Mandatory and Optional Reporting Items for Non-DoD USIB Agencies. Since DIA was previously requested by the USIB directive mentioned in paragraph 3 above to maintain the ADP catalog for the whole Intellligence Community, Task Team IX agreed to accept the basic format contained in DIA Instruction No. 65-8-1 for the submission of file and program descriptions. The proposed USIB Instruction Manual submitted as Attachment 1, is compatible with DIA Instruction No. 65-8-1; the only essential differences in the copies to be distributed to USIB agencies are the insertion of asterisks for "mandatory" reporting items, and a slightly different editorial arrangement.

6. The items for File Description and for Program Description are given below. Items recommended as mandatory are indicated by an asterisk (*).

a. File Description:

* (1) Report Originator

* (2) File Identifier (a code assigned by the file custodian)

* (3) Card Format Number (Identifier)

* (4) Card Security Classification or Card Security Control

* (5) Card Handling/Releasability

* (6) Action Code (addition of new file; changing previous information; etc.)

* (7) Descriptive Title of the File

* (8) Highest Card Security Classification or Card Security Control (for file description)

* (9) Highest Card Handling/Releasability (for file description)

*Means mandatory reporting items

* (10) File Security Classification or Security Control

* (11) File Handling/Releasability

* (12) File Intelligence Subject Code (ISC)

* (13) Date of File Description (Year, Month)

* (14) Date of File Automation

* (15) Earliest Date of Information in File (Year, Month)

* (16) File Currency:

(a) Active Files

1 Unit of Time Lag (Update Cycle: Daily, weekly, monthly, etc.)

2 Amount of Time Lag (Currency Indication: lag time between the latest date of information in the file and the actual date the file was updated: Hours, days, months, etc.)

* (17) Storage Medium (Cards, paper tape, magnetic tape, disk, drum)

* (18) Disk or Tape Recording Mode (Binary, Binary Coded Decimal, Mixed)

* (19) Narrative description of the purpose of the file (abstract)

* (20) Geopolitical Area (Countries or geographical areas covered by the file; use country codes as given in DIA Instruction 65-6A plus "ZZ" for world-wide). NSA will not fill this in until an appropriate USIB code is approved.

(21) Intelligence Activity Supported by the File

(22) Approximate Number of Logical Records in File

(23) Logical Record Size

(24) Estimated Annual File Growth Rate, expressed in number of logical records

(25) Logical Record Type (Fixed length; variable length; mixed)

(26) Magnetic Tape Block (Maximum No. of BCD characters)

(27) Dependency on other Files

(28) File Order (Random or mixed, sequential)

(29) File Up-Date Cycle

(30) Exchange Count (Number of other organizations who receive or have received copies of this file)

(31) Equipment Manufacturer and Model

(32) Programs used to process this file (abstract)

(33) Substantive Data Elements

b. Program Description:

* (1) Report Originator

* (2) Program Identifier (Identifying code assigned by the program custodian)

* (3) Card Format Number (Identifier)

* (4) Card Security Classification or Card Security Control

* (5) Card Handling/Releasability

* (6) Action Code (Addition of new program; changing previous information; etc.)

* (7) Program Security Classification or Security Control

* (8) Program Handling/Releasability

* (9) Descriptive Title of the Program

* (10) Highest Card Security Classification or Card Security Control (of program description)

* (11) Highest Card Handling/Releasability

* (12) Program Status (Operational)

* (13) Date of Program Automation (Date program was operational): Year, month [See item (22) below]

* (14) Program Language

* (15) Software Dependency

* (16) Equipment Manufacturer and Model

* (17) Minimum Set of Equipment and Special Features Required to Run this Program

* (18) Abstract Describing the Program

(19) Program Documentation Status

(20) Program Run Frequency (Daily, weekly, monthly, quarterly, semi-annually, etc.)

(21) Program Size (Approximate number of core locations required by the program)

(22) Software Source

(23) Date of this Program Description: Year, month

(24) Exchange Count (number of other organizations who have received copies of this program)

NOTE: The ordering of the items above is arranged for convenience in evaluating Task Team IX's recommended "mandatory" and "optional" reporting entries. As such, it is quite different from the ordering in Attachment 1 which is arranged by card formats, four each for File and for Program descriptions.

7. As seen from the above list, 20 of the 33 file description entries required by the DIA Instruction have been recommended as mandatory for the non-DoD USIB agencies. Of the 24 program description entries required in the DIA Instruction, 18 were receommended as mandatory for non-DoD USIB agencies.

8. Included as mandatory reporting items for all of the agencies are all but one of the items contained in the original USIB reporting directive cited in paragraph 3 above. This was item "2. (g)" of the USIB directive:

> "Detailed information on interface with supporting communications facilities or systems."

The only known interface systems now in use within DoD are the AUTOVON (Automatic Voice Network) and AUTODIN (Automatic Digital Data Network). Both of these are operated by the Defense Communications Agency (DCA) for the Defense Communications Systems (DCS). Some tests are now being conducted by DCA for intelligence applications, but security risks have made any proposed system at the present time unacceptable for all higher levels of classification. Other interface systems which are tailored for specific processes are in existence at NSA on a limited scale. However, there are no programs now in existence which are felt to be of any general use in the Intelligence Community. Therefore, Task Team IX believes that this item should not be included at this time.

9. Reporting Manual for the USIB File and Program Catalog System. A few explanatory remarks are pertinent here concerning Attachment 1 which is the Task Team draft: "Intelligence ADPS Manual--Submission of Entries to the USIB ADPS File and Program Catalog System." This

Manual has been prepared by Task Team IX based on the DIA Manual. In conformance with paragraph 4 above, it incorporates all suggestions submitted by Task Team IX plus additional DoD items of reporting which are not mandatory reporting items for non-DoD USIB agencies. All mandatory reporting items, applicable to all USIB agencies, have been marked by an asterisk in the left margin. The instructions in this Manual are essentially identical to those published as DIA Instruction 65-8-1. The DIA Foreword has been changed to conform to the USIB format, such as that used in the publication of the Intelligence Subject Code (ISC).

10. The Manual covers five chapters, as follows:

Chapter I	Introduction
Chapter II	System Concepts (contains a Summary of Catalog content)
Chapter III	File and Program Description Card Identification
Chapter IV	File Description
Chapter V	Program Description

To facilitate accession when preparing inputs, the short supporting documents are incorporated in pertinent chapters and the longer ones are annexes. These supporting documents are:

a. Unit Identification Codes (Agency Identification), yellow pages III-6 and 7.

b. Intelligence Activity Codes (Supported by an ADP File), pages IV-11 and 12.

c. Equipment Make and Model, green pages IV-23 and 24.

d. Programming Languages, yellow pages V-11 and 12.

e. Sample File and Program Description Cards (Formats 1 through 8), Annex 1.

f. Geopolitical Code for Intelligence Systems [DoD]. Annex 2.

g. Intelligence Subject Code (Chapter I Summaries), Annex 3.

11. A comment is pertinent here concerning the Unit Identification Codes (UIC). It is now being prepared by the JCS as a six-digit code

for all defense units. A DoD committee chaired by Mr. John W. Bullock of ASD (Comptroller) is currently working on this code. The completed code will probably not be published before sometime in Calendar Year 1966. In the meantime, Task Team IX has obtained JCS-approved codes assigned to the USIB/DoD agencies most likely to report to this catalog.

12. The ISC three-digit code will be used to indicate its general subject areas covered by an ADP file. The Intelligence Activity Codes were developed by DIA as a general list of DoD intelligence activities supported by the ADP file concerned. It is realized that these codes may not yield a perfect subject and activity classification for each catalog entry, but Task Team IX feels that it will be adequate for its limited purpose of indexing USIB catalog entries until better codes are adopted by USIB.

13. Quarterly Publication in Sections Determined by Subject and Security Levels. Task Team IX recommends acceptance of DIA's recommendation to publish the ADP catalog quarterly. Reporting on new entries for the catalog is timed accordingly.

14. Task Team IX recommends that DIA publish and disseminate the catalog in two parallel sections, one for file description and one for program description. Each of these two sections should be published in four volumes with the following security classification:

a. SAO -- Controlled

b. SI (SSO -- Controlled)

c. Top Secret or Secret (whatever the highest security classification of total report contributions indicate)

d. Confidential and Unclassified

The USIB directive, cited in paragraph 3 above, requested that all contributions to the catalog be held at its lowest possible classification. To simplify dissemination of the catalog, Task Team IX recommends that all catalogs except the SSO and SAO catalogs regardless of security level be published as NOFORN, CONTROLLED DISSEMINATION, GROUP 1. The SSO and SAO catalogs should be published as NOFORN and conform to the highest security classification of total report contributions.

15. All of the catalogs will be listed by organization, and within organization by the file or program identification number. All will have

a permuted title index which will lead to the appropriate entry in the catalog. The file descriptions will also be indexed by intelligence subject code, intelligence activity code, and by country code.

16. Cost and Manpower Factors. The Chairman of CODIB has requested that all proposals by Task Teams include estimated implementation costs in terms of both dollars and manpower (CODIB Minutes for the 62nd Meeting, 4 May 1965, paragraph 5.b.). However, it is impossible for Task Team IX to submit a cost estimate at this time for two reasons:

a. Very little information is currently available as to the number of expected catalog submissions.

b. The computer processing system has not as yet been planned and developed by DIA. This will be a significant part of the cost of the operation.

17. However, some idea of the manpower required for the preparation of an entry into the catalog was gained in the process of preparing two prototype entries included in Attachment 1. One of these is a sample file description, the other a sample program description. In order to acquire the necessary information to prepare the entries in the proper format, the efforts of a number of people were required. Even though one of the participants was fairly familiar with format requirements, it took about four hours each to complete the two entries. These prototypes included information on both mandatory and optional reporting items. It is estimated that if only the mandatory items were furnished, the entries could have been prepared in about two to three hours. This limited sample is all that could be used at this time as a guide in making a general estimate, but Task Team IX feels that since a large number of people will be called upon from time to time to make the entries into the catalog and that these people may not be familiar with preparation procedures, the time taken for these two entries is a representative minimum. Only about 15 minutes was required to punch the necessary information onto IBM cards.

18. Since a realistic cost estimate cannot be provided at this time, Task Team IX recommends that a standard report format be prepared by the CODIB Support Staff in conjunction with CIA, DIA and NSA. At a minimum, this report should provide cost figures in terms of both manpower and dollar expenditures, and comments concerning the usefulness of the exchange system, i.e., the number of programs and files that have been exchanged as a result of the publication of the catalogs, and other

benefits that may have been derived through the exchange. This standard reporting form should be submitted to CODIB through the CODIB Support Staff, by each reporting agency on an annual basis. The first annual report would be due one year following the official publication of Attachment 1. Although it is generally felt that an exchange of files and programs among the agencies of the Intelligence Community is desirable, we feel that in actual practice this may not be true. An annual report as proposed would provide a means of evaluating the cost of maintaining the ADP catalog system vs. the usefulness of the system to the participating agencies.

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Attachment 1

U N I T E D S T A T E S I N T E L L I G E N C E B O A R D

COMMITTEE ON DOCUMENTATION

INTELLIGENCE AUTOMATIC DATA PROCESSING SYSTEMS MANUAL

(U) SUBMISSION OF ENTRIES TO THE USIB ADPS FILE AND PROGRAM CATALOG SYSTEM (FPCS)

FIRST EDITION
4 February 1966

Group 1
Excluded from automatic
downgrading and
declassification.

C-O-N-F-I-D-E-N-T-I-A-L
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U N I T E D S T A T E S I N T E L L I G E N C E B O A R D

COMMITTEE ON DOCUMENTATION

FOREWORD

These Instructions prescribe the reporting requirements, procedures, and formats for submission of descriptions of automated intelligence master data files and computer programs for inclusion in the USIB ADP Systems Library Catalog.

The Instructions are issued pursuant to their approval by the United States Intelligence Board (USIB) on . It has been prepared by an interagency task team under the direction of the Committee on Documentation (CODIB). At the request of USIB, the Defense Intelligence Agency (DIA) will maintain the USIB ADP Systems Library Catalog on behalf of the United States Intelligence Community. DIA will periodically publish catalogs of library ADP files and programs holdings.

Comments of users on means to improve the Catalog will be welcomed. Such comments, or requests for additional explanations, changes or additions should be addressed, through channels, to the Chief, CODIB Support Staff, Office of Central Reference, Central Intelligence Agency.

PAUL A. BOREL
CHAIRMAN

C-O-N-F-I-D-E-N-T-I-A-L

CONTENTS

Chapter I

INTRODUCTION

1. The File and Program Catalog System (FPCS) is designed to provide the United States Intelligence Community with data to produce a central catalog of automated master intelligence data files and of computer programs used to process these data files. This catalog will be published quarterly by the Defense Intelligence Agency (DIA) on behalf of USIB and of DoD and is intended to facilitate the exchange of information among members of the Intelligence Community.

2. The success of this system depends entirely upon the strict adherence, by all participants, to coding instructions. Data submitted that is not in accordance with this manual will be rejected in processing. These reports will be returned for resubmission during the next reporting cycle.

3. It should be noted that DIA, as the publishing agency, is operating this catalog under two directives, one steming from USIB (USIB-S-13.1/4, approved on 26 June 1963), the other stemming from DoD Directive No. 5100.40, dated 28 September 1963: "Responsibilities for the Administration of Automatic Data Processing Equipment Program." In consequence of the two directives, the reporting requirements submitted in this manual reflect combined requirements of USIB and DoD, the former being a subset of the larger DIA/DoD reporting requirements. In this manual, the USIB reporting requirements have been marked by an asterisk in the left margin, preceding the card column designations for each card format used. Items so marked are mandatory reporting items for all USIB agencies excluding DIA/DoD, while all reporting items apply to DIA/DoD. This arrangement has been instituted in the interest of economy. USIB agencies reporting against the mandatory reporting items are encouraged to respond to other reporting items shown in this instruction manual.

4. Caution must be used in designating file and program identifiers. Each reporting agency is responsible for assigning

a unique identifier for each file or program developed within the agency. Unit I.D. plus file or program identifier will be the accession to the file. File or program identifiers must not be reused.

5. Requirements for additional data elements or data codes should be submitted to the Chief, CODIB Support Staff, Office of Central Reference, Central Intelligence Agency.

6. This Instruction Manual is effective immediately.

Chapter II

SYSTEM CONCEPTS

1. Purpose.

On behalf of USIB, DIA will maintain and publish catalogs containing descriptions of intelligence data stored in an automated form and of computer programs and associated equipment. The purpose of the catalogs is to facilitate the exchange of information among the members of the Intelligence Community, thereby avoiding unnecessary duplication of effort.

2. Scope.

a. This Instruction applies to all USIB agencies.

b. All intelligence files and programs which are considered by the reporting agency to be of interest to other USIB agencies will be described, provided catalog publication procedures are in accordance with existing security regulations of the reporting agency.

c. The classification of these descriptions will be kept as low as possible.

d. It is not required that non-DoD agencies submit information on inactive files or on programs under development.

3. Definitions. For the purpose of this instruction, the following definitions will apply:

a. Master file. A file containing relatively permanent information which is a combination of data that is contained in no other file. Individual data elements will be standard and may be contained in, or derived from, various master files. Only master files containing intelligence information and ancillary files needed to process these files, such as an index or thesaurus, will be reported. Derivative files will not be reported in this system.

b. Automated file. A machine-processable file stored on punched cards, paper tape, magnetic tape, drums, or disks. Film

transparencies of all types are excluded, but independent indices to film transparencies are included if they are stored on one of the media mentioned herein.

c. Computer program. The complete sequence of machine instructions necessary to solve a problem or accomplish a processing task whether this sequence is called subroutine, routine, program, or some other term.. Manufacturers' programs which are commercially available to all users are excluded unless major modifications have been made to the programs, in which case, the modifications should be described.

d. Tape block. For the purpose of this instruction, the term "tape block" is the same as "physical record," which is defined as "a segment of data inscribed on a recording medium and physically delimited in some fashion, e.g., written on a magnetic tape or disk and preceded and followed by end of record gaps, or punched on a single card."

e. Logical record. A collection of data elements closely enough related to be customarily processed as a unit within a computer even though, in an external recording medium, the same stream of data may occupy any number of physical records or any portion of one physical record. Contrasted with "physical record."

4. Use of 80-column cards. The FPCS is predicated and guided by the principle that an action is initiated and controlled by a series of 80-column, punched, EAM cards.

a. File and program descriptor cards, each containing a unique card identification, will be used as a basis for maintaining the FPCS. These cards are grouped as follows:

(1) File descriptor cards:

Card format 1	Descriptive file title
Card format 2	Geopolitical areas and file dependency
Card format 3	Miscellaneous file descriptions
Card format 4	Programs used to process the file, substantive data elements, and narrative description of the file purpose

(2) Program descriptor cards:

Card format 5	Descriptive program title
Card format 6	Software dependency
Card format 7	Minimum equipment and special features needed to run program
Card format 8	Abstract describing the program

b. The punched card actions can result in an addition to the catalog, a change to the catalog, or a deletion to the catalog. Except for the addition of a new file or program description, the card identification must match the identification or a record in the catalog, or all data being submitted on the card will be rejected.

c. To change any part of a file or program description, the complete card description must be resubmitted with the data and the date of the description properly updated. For file descriptions these would include all format 1 through 4 cards; for program descriptions, all format 5 through 8 cards.

d. To delete a file reference to the catalog, card format 1 will be submitted. To delete a program reference to the catalog, card format 5 will be submitted. Detailed instructions are provided in subsequent chapters.

5. Card data content.

a. Positive identification and control in the FPCS is provided by uniquely identifying each file or program description with an identification in columns 1 through 16 of each punched card. The following information is contained in these identification columns:

(1) Report originator (Unit Identification Code)

(2) File or program identifier (assigned by report originator)

(3) Card format number

(4) Card security classification or card security control

(5) Card handling/releasability

(6) Card action (addition, change, or deletion to the catalog)

b. File descriptor cards, numbered 1 through 4, contain the following additional information.

(1) Card format 1.

(a) Descriptive title of the file.

(b) Highest security of file description cards.

(c) Highest handling of file description cards.

(2) Card format 2.

(a) Geopolitical area(s) covered by the file (geopolitical) codes are those given in the current DIA Instruction 65-5 series plus ZZ for worldwide (see Annex 2).

(b) Dependency on other files.

(3) Card format 3.

(a) File security classification or file security control.

(b) File handling/releasability.

(c) Intelligence activities supported by the file.

(d) Intelligence subjects covered by the file.

(e) Date of file description (report date).

(f) Date file became (will become) automated.

(g) Earliest (oldest) date of information in the file.

(h) File update cycle.

(i) File currency.

(j) Approximate number of logical records in the file.

(k) Designed logical record size.

(l) Estimated annual file growth.

(m) Logical record type (fixed, variable, mixed).

(n) Data storage medium (cards, paper tape, magnetic tape, disk, drum).

(o) Magnetic tape block, if applicable.

(p) Disk/magnetic tape recording mode, if applicable.

(q) File order.

(r) File exchange count.

(s) Equipment make and model.

(4) Card format 4.

(a) Card sequence numbers ØØ-Ø2, programs used to process this file.

(b) Card sequence numbers 1Ø-59, substantive data elements.

(c) Card sequence numbers 6Ø-69, narrative description of file purpose. (See footnote on page IV-29).

c. Program descriptor cards (format 5 through 8) contain, in addition to the card identification, the following information:

(1) Card format 5.

(a) Security classification or security control of the program.

(b) Handling/releasability of the program.

(c) Descriptive title of the program.

(d) Highest security of program description cards.

(e) Highest handling/releasability of program description cards.

(2) Card format 6.

(a) Program status.

(b) Program documentation status.

(c) Date of program automation.

(d) Program run frequency.

(e) Program size.

(f) Program language.

(g) Software dependency.

(h) Software Source.

(3) Card format 7.

(a) Equipment manufacturer and model.

(b) Date of this program description (date of report).

(c) Program exchange count.

(d) Minimum equipment and special features needed to run program.

(4) Card format 8. Abstract describing program.

6. Submissions

a. The information required by this Instruction will be submitted on punched cards accompanied by a machine listing of the submitted cards. The card decks and listings will be transmitted in accordance with established security procedures.

b. All reports will be batched and submitted by each agency and command on 1 February, 1 May, 1 August, and 1 November. Approximately 20 days will be allowed prior to system update.

c. All cards within a batch will be grouped by card format sequence within each file or program description.

d. Cards sent by mail will be accompanied by one 8Ø-8Ø printout of the cards, double spaced.

e. JANAP 128 should be consulted for cards transmitted through the AUTODIN network.

f. If no action has occurred during a quarter, a negative report, by message, will be submitted as follows:

(1) By DoD agencies: UNCLAS FOR DIAMS.REF DIAM 65-8-1. NEGATIVE.

(2) By non-DoD agencies: UNCLAS FOR DIAMS. REF USIB FPCS. NEGATIVE.

g. All submissions will be addressed to:

Defense Intelligence Agency
Washington, D. C. 20301
ATTN: ADPS Center

Chapter III

CARD IDENTIFICATION FILE AND PROGRAM DESCRIPTIONS

Card identification is the key to processing any action in the File and Program Catalog System (FPCS). It is contained in the first sixteen columns of every card which is submitted and provides positive identification and control. This identification will be covered in detail in this chapter and thereafter will be shown as basic card identification in the detailed explanation for each card format. This identification receives processing edits in accordance with these instructions. Improper identification data on any card will cause a rejection of all data submitted on that card.

Card Cols.	No. Chars.	Item	Card Edit
* 1-6	6	Report originator (alpha, numeric, or blank): Six or less alpha or numeric characters (left-justified) to indicate the originator of the report. The DoD standard Unit Identification Code (UIC) will be used. See pages III-6 and 7. This field (columns 1-6) will not be left blank.	A,N,b
* 7-12	6	File or program identifier (alpha, numeric, or blank): Six or less alpha or numeric characters (left-justified) commencing with card column 7 to represent the file or program designation assigned by the report originator which uniquely identifies the file or program within the reporting organization. All alpha and numeric characters are acceptable. Special characters are not permitted. This field (columns 7-12) will not be left blank.	A,N,b
* 13	1	Card format number (numeric): Enter the appropriate card format number. A blank is not permitted. One of the following card format numbers must be used:	N

Card format No.	Card type
1	File description card 1
2	File description card 2

3	File description card 3
4	File description card 4
5	Program description card 5
6	Program description card 6
7	Program description card 7
8	Program description card 8

Detailed coding instructions for each card format number are provided in subsequent chapters.

* 14 1 Card security classification or card security control (alpha): One alpha character representing the classification or control of the information entered in each card. The use of control codes, where appropriate, takes precedence over the use of classification codes. A blank is not permitted. One of the following classification, control or combination codes must be used. A

Classification Code	Description
T	Top Secret
S	Secret
C	Confidential
M	Confidential -- Modified Handling Authorized
O	For Official Use Only
U	Unclassified

Control Code	Description	Additional Codes
R	SAO controlled	F = TZ
Z	SSO controlled	G = SZ
E	SIOP controlled	H = CZ

NOTE 1: The additional codes above are appropriate combinations of classification and control codes.

NOTE 2: Although each card is coded separately with a classification or control code, the file or program report must be submitted as a complete package. The package must be transmitted in accordance with the procedure required by the highest classification code or the control code used in one or more of the cards prepared for a file or program report. Every effort must be made to use the minimum classification code which still protects the information on that card in accordance with existing security regulations. Use control codes only when absolutely necessary.

NOTE 3: If none of the above codes are adequate for security purposes, the reporting organization will notify DIA (ATTN: DIAMS) through appropriate channels, specifying the requirement and requesting that a code be assigned.

NOTE 4: This field will be filled in by NSA and CIA with the same information that is contained in columns 79 and 80 of cards type 1 and 5.

* 15	1	Card handling/releasability (alpha): One alpha character representing the handling/ releasability of the information entered in each card. Handling/releasability codes are used to indicate the dissemination restrictions of the information entered in each card. A blank is not permitted. One of the following handling/releasability codes must be used:	A

[redacted] 25X1A

25X1A

[redacted]

* 16	1	Action Code (alpha): One alpha character to indicate the type action required for the report submission. A blank is not permitted. One of the following action codes must be used on each card format submitted:	A

Code	Description
A	Addition of a new file or program description to the FPCS.
C	Changing information on an existing file or program description.

NOTE: Once a file or program description is added to the FPCS, operations on data elements within these descriptions are considered changes, whether data elements are added, changed, or deleted.

D	Deletion of an existing file or program description from the FPCS.

NOTE: The action code "D" is used only on card formats 1 and 5 when the report

originator desires to delete the entire file or program description from the system. When the "D" is used on card format 1, the FPCS maintenance program automatically deletes the information associated with the file description obtained from card formats 2, 3, and 4. Similarly, the "D" on card format 5 automatically deletes the information associated with the program description obtained from card formats 6, 7, and 8.

NOTE: See Annex 1 for sample file and program descriptions.

UNIT IDENTIFICATION CODES

The codes listed below are extracted from the JCS Standard Command and Control Unit Identification Code (UIC) now (October, 1965) in process of preparation. As of 1 July 1965, the Secretary of Defense has directed all DoD activities to implement a six-digit UIC. For sake of convenience, JCS has allocated codes to selected non-DoD Government agencies, including all USIB agencies, as shown below.

COMMAND OR AGENCY ABBREV.	UIC
AAC (Alaskan Air Cmd)	JAAAAØ
ACIC (Aeron.Chart & Info Ctr)	JAAFPØ
ACSI, DA	WØZIAA
AEC (Atom. Energy Com.)	H999Ø5
AFNIN	JAFHTØ
AFSOUTH	JAHTAØ
AFSTRIKE	JAIWDØ
4444 RTW	JANDVØ
AIC	NO586A
AFTAC (Same code as AFNIN)	
ALCOM (See CINCAL)	
ALSAFRON	N629Ø5
AMS	WØBWAA
ARSOUTH	WØALAA
ARSTRIKE	WØGSAA
25X1A CIA (Central Int. Agency)	[redacted]
CINCAL	U1ØØØØ
CINCLANT	U2ØØØØ
CINCONAD	U3ØØØØ
CINCEUR (See USCINCEUR)	
CINCPAC	U5ØØØØ
CINCSAC	U8ØØØØ
544 ARTW	JABWPØ
2nd RTS	JAHDKØ
8th RTS	JAHDKØ
15 RTS	JAHDMØ
CINCSOUTH (See UNSCINCSOUTH)	
CINCSTRIKE	U7ØØØØ
DIA	HØ3ØØØ
ENGTE-MI (map & Geod. Div, Directorate of Topo & Mil. Eng)	WØØMAA
EUCOM (See USCINCEUR)	
EUCOM ELINT CTR	U4ØØ1Ø
FBI (Fed. Bur. of Investig.)	H999Ø6

COMMAND OR AGENCY ABBREV.	UIC
FICEUR	NØ476A
VQ-2	NØ9946
FICPAC	N63186
VQ-1	NØ993Ø
FSTC (For. Sci. & Tech Ctr, AR)	WØKPAA
FTD (For. Technology Div, AFSC)	JAEWYØ
LANTCOM (See CINCLANT)	
LANTELT	N57ØØ2
LANT INT CTR (See AIC)	
NAVEUR	N57ØØ3
NAVOCEANO	N623Ø6
NAVSOUTH	N63397
NORAD (See CINCONAD)	
NSA (Nat. Security Agency)	H999Ø1
ONI	NØØØ15
PACAF	JAGSWØ
13 AF	JAAVDØ
13 ATF (p) (Air Task Force, proving)	
6499 SG (Listed by AF as SUT)	JAIJZØ
67th RTS	JAHDNØ
PACFLT	N57ØØ1
PACOM (See CINCPAC)	
PACOM ELINT CTR	USØØ1Ø
SAC (See CINCSAC)	
SAC/JSTPS	U8ØØØØ
SOUTHCOM (See USCINCSOUTH)	
STATE (Dept of State)	H999Ø7
STIC (Sci.&Tech.Int.Ctr,Navy)	N63Ø79
STRIKE (See CINCSTRIKE)	

COMMAND OR AGENCY ABBREV.	UIC
TACCMD (IFTAC is part of TACCMD)	JAIWDØ
USAFE	JAATSØ
497th RTS	JAHDUØ
713 SPE Gp	JAHUYØ
7499 SG (Listed by AFASUT)	JAIMZØ
USARAL	WØAKAA
USAREUR	WØANAA
513 Int Corps Gp	WBVAAA
ETC (Eng. Topographic Ctr)	WØBVAA
USARPAC	WØARAA
500 Int Corps Gp	WBVGAA
USCINCEUR	U4ØØØØ
USCINCSOUTH	U6ØØØØ

Chapter IV

FILE DESCRIPTION

Section A

CARD FORMAT 1

Card Cols.	No. Chars.	Item	Card Edit
*1-16	16	Card identification (alpha, numeric, or blank): Detailed coding instructions for card identification are covered in Chapter III. Enter the numeric character "1" in card column 13 for card format 1 entries. NOTE: When card format 1 is used for the deletion of an existing file description from the FPCS, complete card identification must be provided in accordance with the detailed coding instructions in Chapter III; the alpha character "D" is entered in card column 16 (action code); and card columns 17-80 are left blank.	A,N,b
*17-72	56	Descriptive title of the file (alpha, numeric, special character, or blank): Fifty-six card columns of free text (left-justified) commencing with card column 17 for the descriptive title of the file which has been identified in card columns 7-12 of the card identification. All alpha and numeric characters are acceptable. Only the following special characters are acceptable: Character — Description . — Period , — Comma (— Opening (left) parenthesis) — Closing (right) parenthesis / — Slash (virgule) - — Hyphen	A,N,S,b

The descriptive title will be used for key-word permuted indexing. Any word comprised exclusively of numbers (numeric characters) will not be indexed. (For example: In "51 AAA" the "51" will not be indexed; "51AAA" would be indexed. A word will be indexed if it contains at least one alphabetical character and if it does not appear in a list of specifically excluded words (such as prepositions, conjunctions, and articles). Special care must be exercised in the usage of the slash. If used, it must not appear in the first position of a word; that is, immediately preceded by a blank and immediately followed by the word.

73-78	6	Reserved for DIA use (blank): Leave blank	b
* 79	1	Highest card security classification or card security control (alpha).	A

NOTE: This security classification refers to the description of the file as given in this set of four card formats. As such, it may differ from the actual security classification of the file as shown in card format 3 below.

One alpha character representing the highest security control code used in one or more of the cards prepared for this file description.

A blank is not permitted. One of the following classification, control or combination codes must be used:

Classification Code	Description
T	Top Secret
S	Secret
C	Confidential
M	Confidential -- Modified Handling Authorized

O	For Official Use Only
U	Unclassified

Control Code	Description	Additional Codes
R	SAO controlled	F = TZ
Z	SSO controlled	G = SZ
E	SIOP controlled	H = CZ

* 80 1 Highest card handling/releasability (alpha): One alpha character representing the highest card handling/releasability code used in one or more of the cards prepared for this file description. A blank is not permitted. One of the following handling/releasability codes must be used: A

[redacted] 25X1A

X No handling/releasability restrictions
Y Other (See abstract in card format #4 for further information)

NOTE: See Annex 1 for a sample of Card Format 1, Columns No. 17-80.

Section B
CARD FORMAT 2

Card Cols.	No. Chars.	Item	Card Edit
*1-16	16	Card identification (alpha, numeric, or blank): Detailed coding instructions for card identification are covered in Chapter III. For card format 2 enter the numeric character 2 in card column 13.	A,N,b
*17-18	2	Card format 2 sequence number (numeric): Two numeric characters representing the card format 2 sequence number. A maximum of 6 cards is permitted. Only the numeric characters ØØ-Ø5 are used in sequential order. Enter the sequence number ØØ for the first card.	N
*19-54	36	Geopolitical area (alpha or blank): A two-alpha-character code in one or more of the two-card-column groups for the geopolitical area (countries, continents, water area, or worldwide area) covered by the file. Refer to the Geopolitical Code for Intelligence Systems (DIAI 65-5A series), Annex 2, for the proper code to be entered. Use continent and water area codes rather than specific codes whenever all specific codes under the general code are included in the file. In addition, the alpha characters "ZZ" for worldwide may be used. NOTE: Since NSA is not using the DoD Geopolitical Code, and cannot use it for entry submissions to this catalog, NSA will include references to country or countries covered by the ADP file in the abstract of Card Format 4 (see page IV-28). Until a USIB decision is made concerning the new Politico-Geographic code developed by CODIB, CIA will use the current DoD Geopolitical Code.	A,b

Card Cols.	Item	Card Edit
19-20	First geopolitical area. Card columns 19 and 2Ø must be completed for card sequence ØØ and may be left blank for subsequent card format 2 sequence cards.	A
21-22	Second geopolitical area, if applicable, or blank.	A,b
23-24	Third geopolitical area, if applicable, or blank.	A,b
25-26	Fourth geopolitical area, if applicable, or blank.	A,b
27-28	Fifth geopolitical area, if applicable, or blank.	A,b
29-30	Sixth geopolitical area, if applicable, or blank.	A,b
31-32	Seventh geopolitical area, if applicable, or blank.	A,b
33-34	Eighth geopolitical area, if applicable, or blank.	A,b
35-36	Ninth geopolitical area, if applicable, or blank.	A,b
37-38	Tenth geopolitical area, if applicable, or blank.	A,b
39-40	Eleventh geopolitical area, if applicable, or blank.	A,b

		41-42 Twelfth geopolitical area, if applicable, or blank.	A,b
		43-44 Thirteenth geopolitical area, if applicable, or blank.	A,b
		45-46 Fourteenth geopolitical area, if applicable, or blank.	A,b
		47-48 Fifteenth geopolitical area, if applicable, or blank.	A,b
		49-50 Sixteenth geopolitical area, if applicable, or blank.	A,b
		51-52 Seventeenth geopolitical area, if applicable, or blank.	A,b
		53-54 Eighteenth geopolitical area, if applicable, or blank.	A,b
55-72	18	File dependency (alpha, numeric, or blank): In one or more of the three six-card-column groups enter the six or less alpha or numeric characters (left-justified within each card group) representing the file designation code which uniquely identifies other files within the reporting organization on which the file identified in card columns 7-12 is dependent. If the file is not dependent upon any other files within the reporting organization, this data element is left blank.	A,N,b

Card Cols.	Item	Card Edit
55-60	First dependent file designation, if applicable, or blank.	A,N,b
61-66	Second dependent file designation, if applicable, or blank.	A,N,b
67-72	Third dependent file designation, if applicable, or blank.	A,N,b
73-80	Reserved for DIA use (blank): Leave blank.	b

NOTE: If more space is required for reporting geopolitical area or file dependency codes, continuation cards may be used by repeating card identification (card columns 1-16) plus a unique card format 2 sequence number (Ø1-Ø5) in card columns 17-18. Geopolitical area codes must be confined to card columns 19-54 on the continuation cards, since file dependency codes may be continued in the same cards. Conversely, file dependency codes must be confined to card columns 55-72 on the continuation cards since geopolitical area codes may be continued on the same cards. Through the use of card format 2 sequence numbers, a maximum of 108 geographic areas and a maximum of 18 file dependency identifiers can be recorded

NOTE: See Annex 1 for sample of Card Format 2, Columns 17-80.

Section C

CARD FORMAT 3

Card Cols.	No. Chars.	Item	Card Edit
*1-16	16	Card identification (alpha, numeric, or blank): Detailed coding instructions for card identification are covered in Chapter III. For card format 3 enter the numeric character 3 in card column 13.	A,N,b
*17	1	File security classification or security control (alpha): One alpha character representing the classification or control of the information contained in the file. The use of control codes takes precedence over the use of classification codes. A blank is not permitted. One of the following classification, control or combination codes must be used:	A

Classification Code	Description
T	Top Secret
S	Secret
C	Confidential
M	Confidential -- Modified Handling Authorized
O	For Official Use Only
U	Unclassified

Control Code	Description	Additional Codes
R	SAO controlled	F = TZ
Z	SSO controlled	G = SZ
E	SIOP controlled	H = CZ

NOTE: This is the classification or control placed on the data contained within the file

for which the file description is prepared and not the classification or control of the information contained on this card

* 18 1 File handling/releasability (alpha): One alpha character representing the handling/releasability of the information contained in the file. Handling/releasability codes are used to indicate the dissemination restrictions of the information contained within the file. A blank is not permitted. One of the following handling/releasability codes must be used: A

25X1A

[redacted]

25X1A

NOTE 1: This is the handling/releasability caveat assigned to the information contained within the file for which the file description is prepared and not the handling/releasability of the information contained on this card.

NOTE 2: Special handling designations such as "Controlled Dissemination" and "No Dissemination Abroad" will be noted at beginning of narrative (card format 4), if required.

19-21 3 Intelligence activity supported by the file (alpha or blank): One alpha character in one or more of the three one-card-column groups for the intelligence activity which the file supports. A,b

Card Cols.	Content	Card Edit
19	First activity code.	A
20	Second activity code, if appropriate, or blank.	A,b
21	Third activity code, if appropriate, or blank.	A,b

The intelligence activity codes are listed below:

Code	Description
A	Collection
B	Biographic intelligence
C	Communication intelligence (inc. traffic analysis, cryptanalysis)
D	Dissemination
E	Electronic intelligence
F	Estimates

G	Counterintelligence (inc. security, counterespionage)
H	Installation intelligence (inc. targetting, vulnerability analysis, penetration analysis, damage assessment)
I	Current intelligence (inc. indications, warning)
J	Area analysis (inc. terrain analysis, escape and evasion, urban area analysis)
M	Mapping and charting
O	Military capabilities (inc. order of battle analysis, military logistics)
R	Reconnaissance exploitation (inc. overhead photo indexing, photo interpretation)
S	Scientific and technical intelligence
U	Economic intelligence
V	Foreign trade
W	Production
X	Telecommunication
Y	Transportation
Z	Population

*22-27 6 File Intelligence Subject Codes (ISC) (numeric or blank): A three-numeric-character ISC in one or both of the two three-card-column groups for the major information contained within the file. The first three positions of the ISC as given in the chapter summaries of the ISC manual are used for this purpose. This section is reproduced in Attachment 3 for coding convenience and to enable those activities which may not have an ISC manual to code this data element. When a file could possibly use all or a majority of ISC codes, use the alpha code "999" in card columns 22-24. N,b

		Card Cols.	Content	Card Edit
		*22-24	Major ISC. These three card columns must be completed. Blanks are not permitted.	N
		25-27	Secondary ISC, if appropriate or blank.	N,b
*28-31	4		Date of file description (numeric): Four numeric characters to indicate the current date (year and month) of this file description.	N
		Card Cols.	Content	Card Edit
		28-29	Year. Two numeric characters indicating the last two numbers of the year.	N
		30-31	Month. Two numeric characters from Ø1 to 12 indicating the month.	N
*32-35	4		Date of file automation (numeric): Four numeric characters to indicate the date (year and month) that the file became or will become operational as an automated file.	N
		Card Cols.	Content	Card Edit
		32-33	Year. Two numeric characters indicating the last two numbers of the year.	N
		34-35	Month. Two numeric characters from Ø1-12 indicating the month.	N

*36-39 4 Earliest date of information in file (numeric): Four numeric characters to indicate the date (year and month) of the earliest (oldest) information in the file. N

Card Cols.	Content	Card Edit
36-37	Year. Two numeric characters indicating the last two numbers of the year.	N
38-39	Month. Two numeric characters Ø1 to 12 indicating the month.	N

40 1 File update cycle (alpha): One alpha character indicating the update cycle of the file. A

Code	Description
N	Not applicable (inactive file)
R	On line/real time
D	Daily
W	Less often than daily through weekly
M	Less often than weekly through monthly
Q	Less often than monthly through quarterly
S	Less often than quarterly through semiannually
Y	Less often than semiannually through yearly
V	Variable use pattern

*41-43 3 File currency (alpha and numeric): One alpha and two numeric characters to indicate the time lag between the latest date of information in the file and the actual date the file was updated. A,N

Card Cols.	Content	Card Edit
41	Unit of time lag. One alpha character to indicate the unit of time lag between the latest date of information in the file and the actual date the file was updated. A blank is not permitted. One of the following codes must be used:	A
42-43	Amount of time lag. Two numeric characters with a leading zero if necessary to indicate the amount of time lag between the latest date of information in the file and the actual date the file was updated, based upon the unit of time lag entered in card column 41.	N

Code	Description
N	None (not applicable)
H	Hours
D	Days
M	Months
F	Final update (inactive file)

NOTE: If the code "N" is entered in card column 41, enter the two numeric characters ØØ (zero-zero). If the code "F" is entered in card column 41, enter the last two numbers for the year of the latest date of information in the file.

44-47 4 Approximate number of logical records (numeric and alpha): Three numeric characters and one alpha character to indicate the approximate number of logical records in the file. N,A

Card Cols.	Content	Card Edit
44-46	Approximate number of logical records. Three numeric characters with leading zeros, as necessary, to indicate the approximate number of logical records in the file based upon the unit of measure entered in card column 47.	N
47	Unit of measure. One alpha character to indicate the unit of measure for the approximate number of logical records entered in card columns 44-46. One of the following codes may be used: U=Units, H-Hundreds, T-Thousands, S=Hundreds of Thousands, M=Millions.	A

48-51 4 Logical record size (numeric and alpha): Three numeric characters and one alpha character to indicate the maximum number of BCD (6 bit) characters designed for each logical record. N,A

Card Cols.	Content	Card Edit
48-50	Logical record size. Three numeric characters with leading zeros, as necessary, to indicate the maximum number of BCD (6 bit) character positions in each logical record within the file, based upon the unit of measure entered in card column 51.	N
51	Unit of measure. One alpha character to indicate the unit of measure for the number of characters entered in card columns 48-50. One of the following codes may be used:	A

Code	Description
U	Units
H	Hundreds
T	Thousands
S	Hundred thousands
M	Millions

52-55 4 Estimated annual file growth rate (numeric and alpha): Three numeric and one alpha character to indicate the estimated number of logical records by which the file grows on an annual basis. N,A

Card Cols.	Content	Card Edit
52-54	Growth rate. Three numeric characters with leading zeros, as necessary, to indicate the estimated number of logical records by which the file grows on an annual basis, based upon the unit of measure entered in card column 55.	N
55	Unit of measure. One alpha character to indicate the unit of measure for the number of logical records entered in card columns 52-54. One of the following codes may be used:	A

Code	Description
U	Unit
H	Hundreds
T	Thousands
S	Hundreds of thousands
M	Millions

NOTE: If the file is static, column 55 may contain an alpha "U" and columns 52-54 may contain numeric zeros.

56	1	Logical record type (alpha): One alpha character to indicate the logical record type for the logical records within the file. One of the following codes may be used:	A

Code	Description
F	Fixed length
V	Variable length
M	Mixed

* 57	1	Storage medium (alpha): One alpha character to indicate the storage medium of the file. A blank is not permitted. One of the following codes must be used:	A

Code	Description
C	Cards
P	Paper tape
T	Magnetic tape
D	Disk
R	Drum

58-61	4	Magnetic tape block (numeric and alpha): Three numeric and one alpha characters to indicate the maximum number of BCD characters of a tape block, when the alpha code "T" is entered in card column 57.	N,A

Card Cols.	Content	Card Edit
58-60	Tape block size. Three numeric characters with leading zeros, as necessary, to indicate the maximum number of BCD	N

character-positions in a tape block, based upon the unit of measure entered in card column 61.

61 Unit of measure. One alpha character to indicate the unit of measure for the number of characters entered in card columns 58-60. One of the following codes may be used: A

Code	Description
U	Units
H	Hundreds
T	Thousands
S	Hundred Thousands
M	Millions

* 62 1 Disk or tape recording mode (alpha): One character to indicate disk or tape recording mode. One of the following codes must be used when card column 57, storage medium, contains the alpha character "D" or "T": A

Code	Description
B	Binary
D	Binary coded decimal
M	Mixed

63 1 File order (alpha): One alpha character to indicate the order in which the file is stored for processing. One of the following codes may be used: A

		Code Description R Random or mixed S Sequential	
64-65	2	Exchange count (numeric): Two numeric characters with leading zeros, as necessary, to indicate the number of other organizations who have received copies of the file, either on a one-time or recurring basis. Enter ØØ (zero-zero) for none. Enter 99 for 99 and over. Only the numeric characters ØØ-99 are permitted.	N
66-72	7	Equipment manufacturer and model (alpha, numeric, or blank): Seven or less alpha or numeric characters commencing with card column 66 to indicate the data processing equipment manufacturer and model of the equipment used for processing the file. One of the codes taken from the code sheets for equipment models on pages IV-23 and 24 may be used. NOTE 1: Card columns 66-68 contain a three-alpha-character manufacturer's code (left-justified). Card columns 69-72 contain four or less alpha and numeric character (right-justified) to indicate equipment model. NOTE 2: New or special equipments should be obtained from BOB circular A-55 or referred to DIA for code assignment to be added to the special code name computer list. Special code name computers are left-justified.	A,N,b

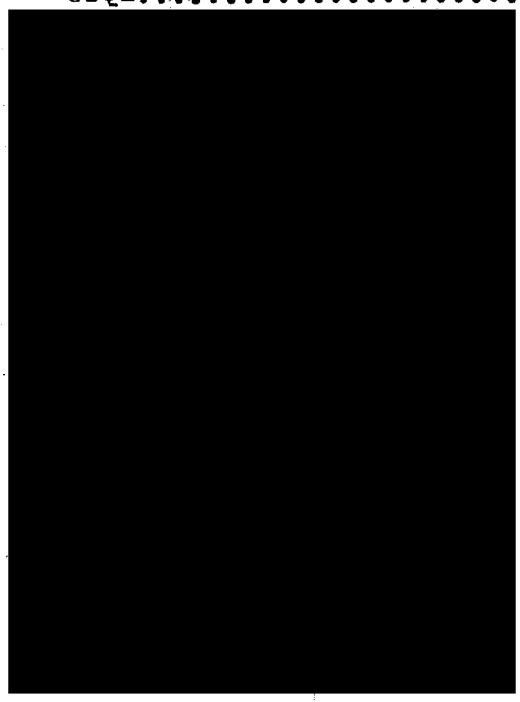
73-80	8	Reserved for DIA use (blank): Leave blank. NOTE: See Annex 1 for a sample of Card Format 3, Columns No. 17-80.	b

IDENTIFICATION OF COMPUTER MODELS

Manufacturer and Model	Code
Advanced Scientific Instruments:	
210	ASI 210
2100	ASI 2100
Autonetics Division (North American Aviation Co.):	
RECOMP II	AUT REC2
Burroughs Corp.:	
160	BUR 160
204	BUR 204
205	BUR 205
220	BUR 220
250	BUR 250
263	BUR 263
280	BUR 280
283	BUR 283
D825	BUR D825
E101	BUR E101
E102	BUR E102
5000	BUR 5000
5500	BUR 5500
Control Data Corp.:	
160	CDC 160
160A	CDC 160A
636	CDC 636
924	CDC 924
1604	CDC 1604
3100	CDC 3100
3200	CDC 3200
3600	CDC 3600
3800	CDC 3800
6600	CDC 6600
8090	CDC 8090
G15	CDC G15
G20	CDC G20
D12	CDC D12
Computer Control Corp.:	
DP24	CMC DP24
Digital Equipment Corp.:	
PDP-1	DEC PDP1
PDP-4	DEC PDP4
PDP-5	DEC PDP5
PDP-6	DEC PDP6
PDP-7	DEC PDP7
El-Tronics:	
ALWAC III-E	ELT ALW3
Electronic Assoc. Inc.:	
231R	EAI 231R
General Dynamics:	
4020	GDY 4020
General Electric Corp.:	
205	GEL 205
215	GEL 215
225	GEL 225
235	GEL 235
412	GEL 412
625	GEL 625
General Mills:	
ECS	GEM ECS
General Precision, Inc.:	
LGP 21	GNP LG21
LGP 30	GNP LG30
Librascope 3055	GNP 3055
RPC 4000	GNP 4000
Honeywell, Inc.:	
200	HON 200
400	HON 400
800	HON 800
1800	HON 1800
International Business Machines Corp.:	
305	IBM 305
360	IBM 360
650	IBM 650
700 series	IBM 7—
1130	IBM 1130
1400 series	IBM 14—
1620	IBM 1620
1710	IBM 1710
1800	IBM 1800
7000 series	IBM 7—
International Telephone and Telegraph:	
7300	ITT 7300
Monroe Calculating Machine Co.:	
Monrobot XI	MON XI
National Cash Register Co.:	
304	NCR 304

Manufacturer and Model	Code
National Cash Register Co.-Cont'd.	
315	NCR 315
390	NCR 390
Not Determined	NOT DET
Pacific Data Systems:	
1020	PDS 1020
Packard Bell Co.:	
PB 250	PAB 250
PB 440	PAB 440
Philco Corp.:	
1000	PHI 1000
2000	PHI 2000
2400	PHI 2400
Thompson Ramo Wooldridge, Inc.:	
TRW 130	TRW 130
TRW 340	TRW 340
TRW 400	TRW 400
Radio Corp. of America:	
301	RCA 301
501	RCA 501
3301	RCA 3301
Scientific Data Systems:	
SDS 910	SDS 910
SDS 920	SDS 920
SDS 925	SDS 925
SDS 930	SDS 930
SDS 9300	SDS 9300
Sylvania Corp.:	
9400	SYL 9400
Univac Division (Sperry-Rand Corp.):	
490	UNI 490
642B	UNI-642B
1004	UNI 1004
1050	UNI 1050

Manufacturer and Model	Code
Univac Division -- Cont'd.	
1206	UNI 1206
1212	UNI 1212
1218	UNI 1218
1100 series	UNI 1100—
ABC	UNI ABC
File Computer	UNI FC
LARC	UNI LARC
SS 80/90	UNI SS—
Univac I	UNI I
Univac II	UNI II
Univac III	UNI III
USQ1	UNI USQ1



25X1A

Section D

CARD FORMAT 4

Card format 4 is used for three purposes: To identify the programs used in the file being described, to name the substantive data elements used in the file, and to provide a narrative description of the purpose of the file. In each case, card columns 19-72 are used for the information. Other columns remain the same for all format 4 cards.

Card Cols.	No. Chars.	Item	Card Edit
*1-16	16	Card identification (alpha, numeric, or blank): Detailed coding instructions for card identification are covered in chapter III. For card format 4 enter the numeric character 4 in card column 13.	A,N,b
*17-18	2	Card format 4 sequence number (numeric): Two numeric characters representing the card format sequence number. The type of information contained in card format 4 is identified and controlled through the use of assigned card sequence numbers for each type. These are:	N

Card Seq.	No. Cards.	Type of Information	Card Edit
ØØ-Ø2	3	Programs used to process this file. Enter the card sequence ØØ for the first card used to describe this information. If more space is required, card sequence Ø1-Ø2 may be used.	N

1Ø-59	50	Substantive data elements. Enter the card sequence number 1Ø for the first card used to describe this information. If more space is required, card sequences 11-59 may be used.	N
6Ø-69	10	Narrative description of the file purpose. Enter the card sequence number 6Ø for the first card used to describe this information. If more space is required, card sequences 61-69 may be used. (See footnote, page IV-29).	N
19-72	54	Programs used to process this file (alpha, numeric, one special character, or blank): A maximum of three cards is allowed, card sequence ØØ-Ø2. The first information contained in card format 4 is the identification of those programs used to process this file. The identification code will be the same code used to describe programs in this system (see Chapter III, Card Identification, columns 7-12). Each program identification will be separated from the adjacent one by a coma. If programs from the Formatted File System (FFS) are used, indicate this by entering "FFS" followed by one blank and the program identification. Data for this information will be	A,N,S,b

entered (left-justified) commencing with card column 19. If continuation cards are used, care must be exercised to insure proper data flow from one card to the next. All alpha and numeric characters may be used. The only special character permitted is the comma to separate data entries. The last entry for each card must end with a comma.

19-72 (continued) 54

Substantive data elements (alpha, numeric, special character, or blank): A maximum of 50 cards is allowed, card sequences 10-59. The second type of information contained in card format 4 is the names of all substantive data elements in the file. There is room for two such entries for each card sequence used for a total of 100 entries. Standard abbreviations or clear mnemonics should be used. Special technical contents included in the file for programming purposes need not be named. For any file containing over 100 data elements, the data elements should be grouped into their next larger category for substantive naming. For example, if a large file included data on installation dimensions, orientation, roof cover, and floor area, the data may be grouped together and identified as building descriptions (bldg. descrip.). All alpha and numeric characters are acceptable. Only the following special characters may be used:

A,N,S,b

Character	Description
.	Period
,	Comma
(	Opening (left) parenthesis
)	Closing (right) parenthesis
-	Hyphen

Card Cols.	No. Chars.	Content	Card Edit
19-45	27	First substantive data element. These card columns must be completed for card sequence 1Ø. Enter data (left-justified) commencing with card column 19.	A,N,S,b
46-72	27	Second substantive data element, if applicable, or blank.	A,N,S,b
*19-72 (Continued)	54	Narrative description of the purpose of the file (alpha, numeric, special character, or blank): The last information contained in card format 4 is a narrative description of the purpose of the file. This narrative is used to explain why the file is maintained and what is produced from it, such as names of reports or identification of extracted subsets of data produced in automated form. If ten cards are sufficient, enter the narrative (left-justified) commencing with card column 19 of card	A,N,S,b

sequence 6Ø.* If continuation cards are used, care must be exercised to insure proper data flow from one card to the next. Hyphenation must be avoided from one card to the next. All alpha and numeric characters are acceptable. Only the following special characters may be used:

Character	Description
.	Period
,	Comma
(	Opening (left) parenthesis
)	Closing (right) parenthesis
-	Hyphen

73-80 8 Reserved for DIA use (blank): b
Leave blank

NOTE: See Annex 1 for a sample of Card Format 4, Columns No. 17-80.

*If more than ten cards are required, the narrative may begin in cards 10-59 by placing a slash in card column 19 of the first card to contain the narrative. The free text should immediately follow the slash and may continue through card 69. The slash is reserved for this purpose in card format 4.

Chapter V

PROGRAM DESCRIPTION

Section A

Card Format 5

Card Cols.	No. Chars.	Item	Card Edit
*1-16	16	Card identification (alpha, numeric, or blank): Detailed coding instructions for card identification are covered in Chapter III. Enter the numeric character "5" in card column 13 for card format 5 entries.	A,N,b
*17	1	Program security classification or security control (alpha): One alpha character representing the classification or control of the information contained in the program. The use of control codes takes precedence over the use of classification codes. A blank is not permitted. One of the following classification or control codes must be used:	A

Classification code	Description
T	Top Secret
S	Secret
C	Confidential
M	Confidential--Modified Handling Authorized
O	For Official Use Only
U	Unclassified

[redacted]

25X1A

NOTE: This is the classification or control placed on the data contained within the program for which the program description is prepared and not the classification or control of the information contained on this card.

* 18 1 Program handling/releasability (alpha): One alpha character representing the handling/releasability of the information contained in the program. Handling/releasability codes are used to indicate the dissemination restrictions of the information contained within the program. A blank is not permitted. One of the following handling/releasability codes must be used: A

25X1A

[redacted]

NOTE 1: This is the handling/releasability caveat assigned to the information contained within the program for which the program description is prepared and not the handling/releasability of the information contained on this card.

NOTE 2: Special handling designations such as "Controlled Dissemination" and "No Dissemination Abroad" will be noted at beginning of narrative (card format 8), if required.

*19-72 54 Descriptive title of the program A,N,S,b
(alpha, numeric, special character, or blank): Fifty-four card columns of free text (left-justified) commencing with card column 19 for the descriptive title of the program which has been identified in card columns 7-12 of the card identification. All alpha and numeric characters are acceptable. Only the following special characters are acceptable:

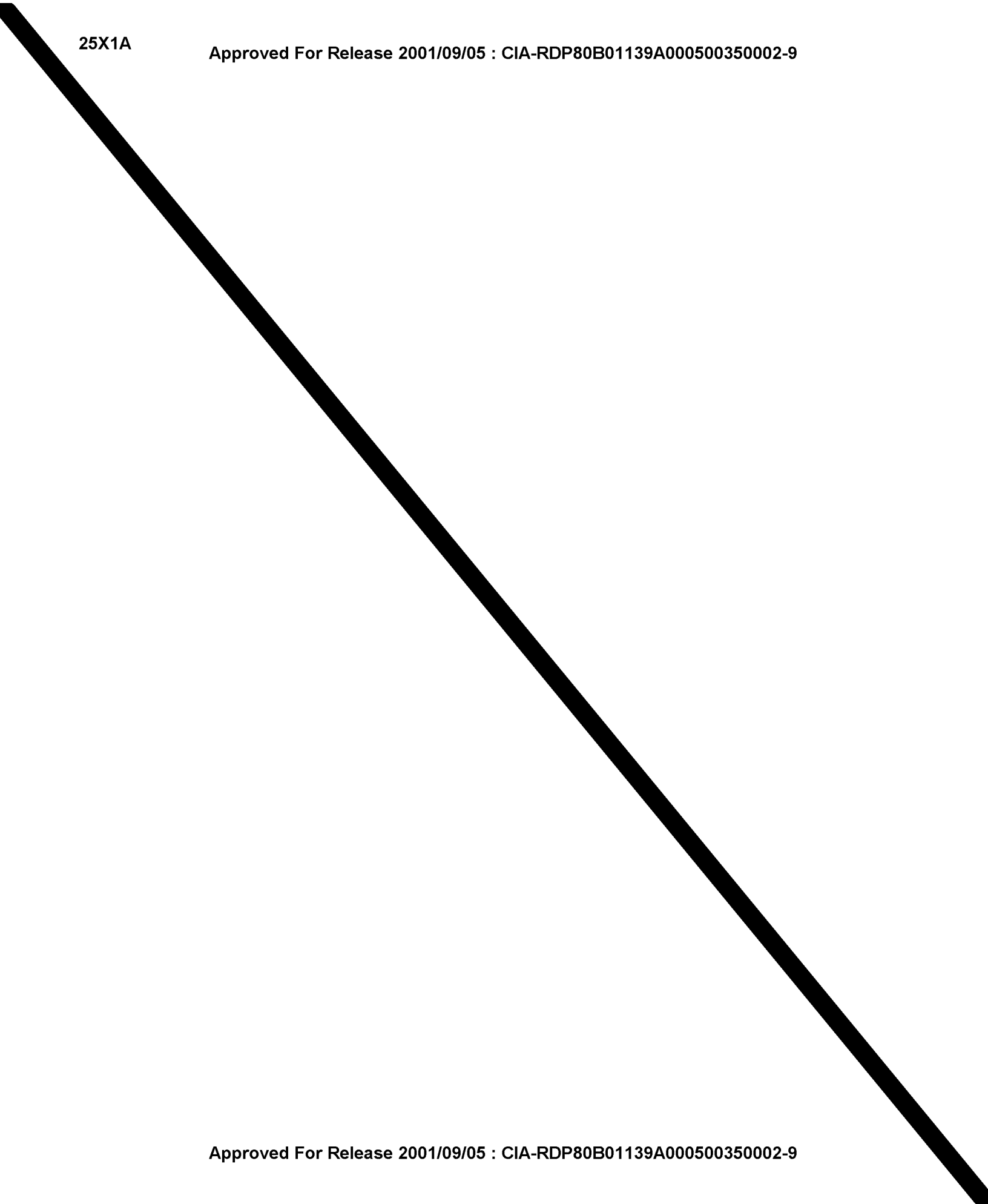
Character	Description
.	Period
,	Comma
(	Opening (left) parenthesis
)	Closing (right) parenthesis
/	Slash (virgule)
-	Hyphen

The descriptive title will be used for keyword permuted indexing. Any word comprising exclusively of numbers (numeric characters) will not be indexed. (For example: In "51 AAA" the "51" will not be indexed; "51AAA" would be indexed. A word will be indexed if it contains at least one alphabetical character and if it does not appear in a list of specifically excluded words (such as prepositions, conjunctions, and articles). Special care must be exercised in the usage of the slash. If used, it must not appear in the first position of a word; that is, immediately preceded by a blank and immediately followed by the word.

73-78	6	Reserved for DIA use (blank): Leave blank. NOTE: When card format 5 is used for the deletion of an existing file description from the FPCS, complete card identification must be provided in accordance with the detailed coding instructions in Chapter III; the alpha character "D" is entered in card column 16 (action code); and card columns 17-80 are left blank.	b
*79	1	Highest card security classification or card security control (alpha): One alpha character representing the highest security classification code or highest security control code used in one or more of the cards prepared for this program description. A blank is not permitted. One of the following classification or control codes must be used: (Control code takes precedence.)	A

Classification code	Description
T	Top Secret
S	Secret
C	Confidential
M	Confidential--Modified Handling Authorized
O	For Official Use Only
U	Unclassified

[redacted] 25X1A



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Section B

CARD FORMAT 6

Card Cols.	No. Chars.	Item	Card Edit
*1-16	16	Card identification (alpha, numeric, or blank): Detailed coding instructions for card identification are covered in Chapter III. For card format 6 enter the numeric character 6 in card column 13.	A,N,b
*17	1	Program status (alpha): One alpha character representing the status of the program identified in card columns 7-12 of the card identification. A blank is not permitted. One of the following codes must be used: Code — Description O — Operational D — Design	A
18	1	Documentation status (alpha): One alpha character representing the documentation status of the program. A blank is not permitted. One of the following codes must be used: Code — Description N — None C — Complete (including flow charts, program listings, narrative, operating instructions, etc.) P — Partial (including one or more of above)	A

*19-22 4 Date of program automation (numeric): Four numeric character to indicate the date (year and month) that the program became or will become operational (columns 19-20 mandatory) N

Card Cols.	Content	Card Edit
*19-20	Year. Two numeric characters indicating the last two numbers of the year.	N
21-22	Month. Two numeric characters from Ø1 to 12 indicating the month.	N

23 1 Program run frequency (alpha): One alpha character indicating the run frequency of the program. One of the following codes must be used. A blank is not permitted. A

Code	Description
R	On line/real time
D	Daily
W	Less often than daily through weekly
M	Less often than weekly through monthly
Q	Less often than monthly through quarterly
S	Less often than quarterly through semi-annually
Y	Less often than semiannually through yearly
V	Variable use pattern

24-27 4 Approximate number of core locations (numeric and alpha): Three numeric characters and one alpha character to indicate the approximate number of BCD core locations or computer words required by the program. N,A

Card Cols.	Content	Card Edit
24-26	Approximate number of core locations. Three numeric characters with leading zeros, as necessary, to indicate the approximate number of BCD core locations (this number is expressed in terms of computer words for other than BCD computers) required by the program, based upon the unit of measure entered in card column 27. Blanks are not permitted.	N
27	Unit of measure. One alpha character to indicate the unit of measure for the approximate number of core locations entered in card columns 24-26. A blank is not permitted. One of the following codes must be used:	A

Code	Description
U	Units
H	Hundreds
T	Thousands
S	Hundred thousands
M	Millions

*28-37	10	Program language (numeric): Three numeric characters representing the language used to write this program. Blanks are not permitted. Enter the data (left-justified) commencing with card column 28. One of the codes on the list on pages V-11 and 12 must be used.	N
*38-71	34	Software dependency (alpha, numeric, special characters, or blank): Enter the name of the external software needed to run this program. Enter the data (left-justified) commencing with card column 38. All alpha and numeric characters are acceptable. Only the following special characters may be used: This field (columns 38-71) will not be left blank.	A,N,S,b
72	1	Software source (alpha): Enter one of the following alpha codes to identify the source of the software named in card columns 38-71.	A

Character	Description
.	Period
,	Comma
(	Opening (left) parenthesis
)	Closing (right) parenthesis
/	Slash (virgule)
-	Hyphen

Code	Description
L	Local software
M	Manufacturer's software

		N Manufacturer's software, locally modified O Other than local or manufacturer's software P Other than local or manufacturer's software, locally modified.	
73-80	8	Reserved for DIA use (blank): Leave blank.	b

NOTE: See Annex 1 for a sample of Card Format 6, Columns No. 17-80.

IDENTIFICATION OF COMPUTER LANGUAGE CODES

CODE TO BE USED	LANGUAGE
001	Machine Language
002	ACT I
003	ACT III
004	ACUTE
005	ADAPT
006	AIMACO
007	ALCOM
008	ALMOST
009	ALGP
010	ALGOL
011	ALTAC
012	ALTRAN
013	APT III
014	ARGUS
015	ASAP
016	AUTOCODE
017	AUTOCODER
040	BEFAP
041	BELL
042	BLESSED
060	CAGE
061	CALINT
062	CAP
063	CASE SOAP
064	CLIP
065	COBOL
066	COBOL 60
067	COBOL 61
068	COBOL NARRATOR
069	CODAP
070	COLASL
071	COMPACT
072	COMPASS
089	DAP
090	DAS
091	DATACODE
100	EASY
101	ESCAPE
102	EASYCODER

CODE TO BE USED	LANGUAGE
110	FACT
111	FAP
112	FARGO
113	FAST
114	FLIP
115	FLOWMATIC
116	FORAST
117	FORMOST
118	FORTRAN I
119	FORTRAN II
120	FORTRAN IV
121	FORTRANSIT
122	FORCOM
123	FORTRAN
124	FCP
125	FORGO
128	GAP
130	GECOM
131	GP
132	GPX
150	INTERCOM
151	IT
152	ITL V
160	JOVIAL
170	KS
175	LAS
177	LEAP
178	LIST
179	MAD
180	MADCAP
181	MISHAP
182	MAP
190	NEAT
191	NELIAC
192	NUCOM
193	NYAP
200	ORBIT
201	OPAL
205	OSAS

CODE TO TO USED	LANGUAGE
206	PAL
207	PAP
210	PINT
211	POGO
212	PROCOM
213	PPAK
220	RAFT IV
221	RELCODE
222	RIP 3000
223	ROAR
224	RPG
229	S4
230	SAC
231	SAIC
232	SAL
233	SALT
234	SAP
235	SCAT
236	SCOPAC
237	SCRAP
238	SLAP
239	SLEUTH
240	SNAP
241	SOAP
242	SPACE
243	SPAR
244	SPEED
245	STAR
246	STRAP
247	SPS
248	SURGE
249	SPURT
252	SYMBO "C"
260	TABSOL
261	TAC
262	TASS
263	TRANSUSE
264	TASK
270	UNISAF
271	USE

CODE TO BE USED	LANGUAGE
272	UTMOST
275	VFAP
280	WIZ
281	WIZOR
290	X6
300	Z
301	AAS
305	ACT IV
310	BAP
311	BASIC ASSEMBLER
315	CAT-C4
320	CAP-MT
321	CL 1
322	CL 2
325	CT
330	CLMTRAN
335	DANTRAN
339	FLIT
340	FLOCO
343	FORTRAN 400
344	FORTRAN 63
345	IBMAP
350	INTERFOR
351	IPS
353	LANGLEY
355	MACRO
356	METASYMBOL
360	NAPS
365	NOBAS
366	OSAP
375	PSEUDO
376	SEACOM/SAASAP
380	SHARE
384	SNOBOL
386	SOS
390	SYMBO "D"
395	SYMBOL
400	TIMA
405	TOPS
410	XMAS
480	SAAL

Section C

CARD FORMAT 7

Card Cols.	No. Chars.	Item	Card Edit
*1-16	16	Card identification (alpha, numeric or blank): Detailed coding instructions for card identification are covered in Chapter III. For card format 7 enter the numeric character 7 in card column 13.	A, N, b
*17-18	2	Card format 7 sequence number (numeric): Two numeric characters representing the card format 7 sequence number. Only the numeric characters ØØ-Ø5 are used in sequential order. Enter the sequence number ØØ for the first card. NOTE: Additional sequence numbers, i.e., Ø1-Ø5, are used when it is necessary to submit more data for the data elements requested in card columns 32-72 of the first card.	N
*19-25	7	Equipment manufacturer and model (alpha, numeric, or blank): Seven or less alpha or numeric character commencing with card column 19 to indicate the data processing equipment manufacturer and model of the equipment used for running this program. One of the codes taken from the code sheet for equipment models presented under card 3 may be used. A blank is not permitted in card columns 19-21.	A, N, b

NOTE 1: Card columns 19-21 contain a three-alpha-character manufacturer's code. Card columns 22-24 contain four or less alpha and numeric characters (right-justified) to indicate equipment model.

NOTE 2: New or special equipments should be obtained from BoB circular A-55 or referred to DIA for code assignment to be added to the special code name computer list. Special code name computers are left-justified.

26-29	4	Date of program description (numeric): Four characters to indicate the current date (year and month) of this program description.	N

Card Cols.	Contents	Card Edit
26-27	Year. Two numeric characters indicating the last two numbers of the year.	N
28-29	Month. Two numeric characters from Ø1 to 12 indicating the month.	N

30-31	2	Exchange count (numeric): Two numeric characters with leading zeros, as necessary, to indicate the number of other organizations who have received copies of the program. Enter 99 for 99 and over. Only the numeric	N

characters ØØ-99 are permitted.

*32-72	41	Minimum set of equipment and special features required to run this program (alpha, numeric, special character, blank): Minimum set of equipment and special features required to run this program, such as core size, number of tape units, card readers, floating point, sense switches, etc., are entered (left-justified), in free form, commencing with card column 32. If continuation cards are used, care must be exercised to insure proper data flow from one card to the next. All alpha and numeric characters are acceptable. Only the following special characters may be used:	A,N,S,b

Character	Description
.	Period
,	Comma
(	Opening (left) parenthesis
)	Closing (right) parenthesis
/	Slash (virgule)
-	Hyphen

73-80	8	Reserved for DIA use (blank): Leave blank	b

NOTE: See Annex 1 for a sample of Card Format 7, Columns No. 17-80.

Section D

CARD FORMAT 8

Card cols.	No. chars.	Item	Card edit
*1-16	16	Card identification (alpha, numeric, or blank): Detailed coding instruetions for card identification are covered in chapter III. For card format 8 enter the numeric character 8 in card column 13.	A, N, b
*17-18	2	Card format 8 sequence number (numeric): Two numeric characters representing the card format 8 sequence number. A maximum of 16 cards is permitted. Only the numeric characters ØØ-15 are used in sequential order. Enter the sequence number ØØ for the first card. NOTE: Additional sequence numbers, i.e., Ø1-15, are used when it is necessary to submit more data for the data elements requested in card columns 19-72 of the first card.	N
*19-72	54	Abstract describing the program (alpha, numeric, special characters, blank): This abstract is used to explain why the program is maintained and what is produced from it. The abstract should include a description of the inputs, processing, outputs, and any program limitations. Where master data files are created or processed, the file identification code	A,N,S,b

used to describe files in this system (see Chapter III, Card Identification, columns 7-12) should be used. Enter the data (left-justified), in free form, commencing with card column 19. If more space is required, continuation cards may be used. If continuation cards are used, care must be exercised to insure proper data flow from one card to the next. Hyphenation must be avoided from one card to the next. All alpha and numeric characters are acceptable. Only the following special characters may be used:

Character	Description
.	Period
,	Comma
(	Opening (left) parenthesis
)	Closing (right) parenthesis
/	Slash
-	Hyphen

73-80	8	Reserved for DIA use (blank): Leave blank	b

NOTE: See Annex 1 for a sample of Card Format 8, Columns No. 17-80.

0000000000111	REPORT ORIGINATOR
1234567890123	FILE OR PROGRAM IDENTIFIER
H99901C30001	
1	CARD FORMAT NUMBER
C	CARD SEC CLASS OR CARD SEC CONTROL
X	CARD HANDLING/RELEASABILITY
A	ACTION CODE
VEDOMOSTI AWARDS SINCE 1957.	DESCRIPTIVE TITLE OF FILE
	RESERVED FOR DIA
C	HIGHEST CD SEC CLASS OR CD SEC CTL
X	HIGHEST CARD HANDLING/RELEASABILITY

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00000000011111111112222222222333333333344444444445555555555666666666677777777778
12345678901234567890123456789012345678901234567890123456789012345678901234567890
H99901C300012CXA00
```

- REPORT ORIGINATOR
- FILE OR PROGRAM IDENTIFIER
- CARD FORMAT NUMBER
- CARD SEC CLASS OR CARD SEC CONTROL
- CARD HANDLING/RELEASABILITY
- ACTION CODE
- CARD FORMAT SEQUENCE NUMBER
- GEOPOLITICAL AREAS
  - FIRST GEOPOLITICAL AREA
  - SECOND GEOPOLITICAL AREA
  - THIRD GEOPOLITICAL AREA
  - FOURTH GEOPOLITICAL AREA
  - FIFTH GEOPOLITICAL AREA
  - SIXTH GEOPOLITICAL AREA
  - SEVENTH GEOPOLITICAL AREA
  - EIGHTH GEOPOLITICAL AREA
  - NINTH GEOPOLITICAL AREA
  - TENTH GEOPOLITICAL AREA
  - ELEVENTH GEOPOLITICAL AREA
  - TWELFTH GEOPOLITICAL AREA
  - THIRTEENTH GEOPOLITICAL AREA
  - FOURTEENTH GEOPOLITICAL AREA
  - FIFTEENTH GEOPOLITICAL AREA
  - SIXTEENTH GEOPOLITICAL AREA
  - SEVENTEENTH GEOPOLITICAL AREA
  - EIGHTEENTH GEOPOLITICAL AREA
- FILE DEPENDENCY
  - FIRST DEPENDENT FILE DESIGNATION
  - SECOND DEPENDENT FILE DESIGNATION
  - THIRD DEPENDENT FILE DESIGNATION
- RESERVED FOR DIA

FORMAT 3

Field	Card Columns	Entry
REPORT ORIGINATOR	1–6	H99901
FILE OR PROGRAM IDENTIFIER	7–12	C30001
CARD FORMAT NUMBER	13	3
CARD SEC CLASS OR CARD SEC CTL	14	C
CARD HANDLING/RELEASABILITY	15	X
ACTION CODE	16	A
FILE SEC CLASS OR SEC CONTROL	17	C
FILE HANDLING/RELEASABILITY	18	X
INTELLIGENCE ACT. SUPP. BY FILE	19–21	BI
MAJOR ISC	22–24	999
SECONDARY ISC FILE ISC	25–27	
DATE OF FILE DESCRIPTION — YEAR	28–29	65
DATE OF FILE DESCRIPTION — MONTH	30–31	11
DATE OF FILE AUTOMATION — YEAR	32–33	64
DATE OF FILE AUTOMATION — MONTH	34–35	04
EARLIEST DATE INFO IN FILE — YEAR	36–37	57
EARLIEST DATE INFO IN FILE — MONTH	38–39	01
FILE UPDATE CYCLE	40	M
FILE CURRENCY	41–43	M01
APPROX. NO. OF LOGICAL RECORDS	44–47	048T
LOGICAL RECORD SIZE	48–51	126U
EST. ANNUAL FILE GROWTH RATE	52–55	020T
LOGICAL RECORD TYPE	56	F
STORAGE MEDIUM	57	T
MAGNETIC TAPE BLOCK	58–61	126U
DISK OR TAPE RECORDING MODE	62	D
FILE ORDER	63	S
EXCHANGE COUNT	64–65	00
EQUIP. MANUFACTURER & MODEL	66–72	IBM7010
RESERVED FOR DIA	73–80	

1. PROGRAMS USED TO PROCESS FILE
2. SUBSTANTIVE DATA ELEMENTS
3. NARRATIVE DESCRIPTION OF FILE PURPOSE

REPORT ORIGINATOR	FILE OR PROGRAM IDENTIFIER	CARD FORMAT NUMBER	CARD SEC CLASS OR CARD SEC CTL	CARD HANDLING/RELEASABILITY	ACTION CODE	CARD FORMAT 4 SEQUENCE NUMBER		RESERVED FOR DIA
000000 123456	000111 789012	1 3	1 4	1 5	1 6	11 78	22222222222333333333344444444445555555555666666666677777 90123456789012345678901234567890123456789012345678901 2	7777778 34567890
H99901	C30001	4	C	X	A	00	00100,	
H99901	C30001	4	C	X	A	10	ITEM NUMBER 6 POS. SURNAME 20 POS.	
H99901	C30001	4	C	X	A	11	FIRST NAME 6 POS. PATRONYMIC 6 POS.	
H99901	C30001	4	C	X	A	12	LOCATION 17 POS. ORGANIZATION 61 POS.	
H99901	C30001	4	C	X	A	13	SOURCE 10 POS.	
H99901	C30001	4	C	X	A	14	/ THE PURPOSE OF THIS FILE IS TO AID IN PERSONNEL	
H99901	C30001	4	C	X	A	15	IDENTIFICATION.THIS MATERIAL IS OBTAINED FROM THE	
H99901	C30001	4	C	X	A	16	WEEKLY PUBLICATION VEDOMOSTI VERKHOVNOGO SOVETA	
H99901	C30001	4	C	X	A	17	SSSR.THIS PUBLICATION CONTAINS DECREES AND AWARDS	
H99901	C30001	4	C	X	A	18	TO SOVIET CITIZENS.NAMES ARE SELECTED DEPENDING	
H99901	C30001	4	C	X	A	19	ON OCCUPATION.GENERALLY, NAMES ARE SELECTED IN	
H99901	C30001	4	C	X	A	20	GROUPS.NO HERO MOTHERS ARE SELECTED.LISTS ARE MADE	
H99901	C30001	4	C	X	A	21	BY NAME,LOCATION (CITY), OCCUPATION CODE AND	
H99901	C30001	4	C	X	A	22	ORGANIZATION CODE.	

REPORT ORIGINATOR	FILE OR PROGRAM IDENTIFIER	CARD FORMAT NUMBER	CARD SEC CLASS OR CARD SEC CTL	HANDLING/RELEASABILITY	ACTION CODE	PROG SEC CLASS OR SEC CONTROL	PROGRAM HANDLING/RELEASABILITY	DESCRIPTIVE TITLE OF PROGRAM	RESERVED FOR DIA	HIGH. CD SEC CLASS OR CD SEC CTL	HIGHEST CD HANDLING/RELEAS.
000000	000111	1	1	1	1	1	1	122222222223333333333444444444455555555556666666666777	777777	7	8
123456	789012	3	4	5	6	7	8	901234567890123456789012345678901234567890123456789012	345678	9	0
H99901	000100	5	C	X	A	C	X	SPECIAL VEDOMOSTI PROGRAM		C	X

Field	Card Columns	Entry
REPORT ORIGINATOR	1–6	H99901
FILE OR PROGRAM IDENTIFIER	7–12	000100
CARD FORMAT NUMBER	13	6
CARD SEC CLASS OR CD SEC CTL	14	C
CARD HANDLING/RELEASABILITY	15	X
ACTION CODE	16	A
PROGRAM STATUS	17	O
DOCUMENTATION STATUS	18	P
DATE OF PROGRAM AUTOMATION	19–22	6312
PROGRAM RUN FREQUENCY	23	M
APPROX. NO. OF CORE LOCATIONS	24–27	070H
PROGRAM LANGUAGE	28–37	017
SOFTWARE DEPENDENCY	38–71	TRANSEMBLER SYSTEM
SOFTWARE SOURCE	72	L
RESERVED FOR DIA	73–80	

FORMAT 7

MINIMUM EQUIPMENT REQUIREMENTS

00000000011111111112222222223333333334444444445555555556666666667777777778	REPORT ORIGINATOR
12345678901234567890123456789012345678901234567890123456789012345678901234	
H99901000100	FILE OR PROGRAM IDENTIFIER
7	CARD FORMAT NUMBER
C	CARD SEC CLASS OR CD SEC CTL
X	CARD HANDLING/RELEASABILITY
A	ACTION CODE
01	CARD FORMAT 7 SEQUENCE NUMBER
IBM7010	EQUIPMENT MANUFACTURER & MODEL
65	YEAR
05	MONTH
00	DATE OF PROGRAM DESCRIPT.
MINIMUM HARDWARE REQUIREMENTS ARE 40K MEMORY,3 TAPE DRIVES,AND 2 CHANNELS.	EXCHANGE COUNT
	RESERVED FOR DIA

FORMAT 8

REPORT ORIGINATOR	FILE OR PROGRAM IDENTIFIER	CARD FORMAT NUMBER	CARD SEC CLASS OR CD SEC CTL	CARD HANDLING/RELEASABILITY	ACTION CODE	CARD FORMAT 8 SEQUENCE NUMBER	ABSTRACT DESCRIBING PROGRAM	RESERVED FOR DIA
000000 123456	000111 789012	1 3	1 4	1 5	1 6	11 78	12222222222333333333344444444445555555555666666666677777 90123456789012345678901234567890123456789012345678901212	77777778 34567890
H99901	000100	8	C	X	A	00	EACH MONTH NEW MATERIAL IS KEY PUNCHED ON IBM CARDS.	
H99901	000100	8	C	X	A	01	THIS NEW MATERIAL IS PROCESSED WITH THE SPECIAL	
H99901	000100	8	C	X	A	02	VEDOMOSTI PROGRAM WHICH SEQUENCE CHECKS AND REFORMATS	
H99901	000100	8	C	X	A	03	THE INPUT RECORDS. THE REFORMAT PORTION OF THE PROGRAM	
H99901	000100	8	C	X	A	04	COMBINES 2 EIGHTY POSITION RECORDS INTO ONE 126	
H99901	000100	8	C	X	A	05	POSITION RECORD. INPUT TO THIS PROGRAM IS MAGNETIC	
H99901	000100	8	C	X	A	06	TAPE. OUTPUT IS MAGNETIC TAPE AND LISTS.	

GEOPOLITICAL CODE FOR INTELLIGENCE SYSTEMS

ENCODING SECTION

CODE	COUNTRY
AD	ADEN INC. KAMARAN IS., PERIM IS.
	ADMIRAL IS. (SEE SEYCHELLES IS. GROUP)
	ADMIRALTY IS. (SEE NEW GUINEA)
	AEGEAN IS. (SEE DODECANESE IS.)
AF	AFGHANISTAN
AA	AFRICA
	ALAND IS. (SEE FINLAND)
AL	ALBANIA
	ALDABRA IS. (SEE SEYCHELLES IS. GROUP)
AG	ALGERIA
	ALHUCEMAS (SEE MELILLA)
	AMERICAN SAMOA (SEE SAMOA (AMERICAN))
AM	ANDAMAN IS. AND NICOBAR IS.
AN	ANDORRA
AO	ANGOLA INC. CABINDA
	ANGUILLA IS. (SEE LEEWARD IS.)
AY	ANTARCTICA
	ANTIGUA IS. AND DEPEND. (SEE LEEWARD IS.)
AX	ARCTIC OCEAN
AR	ARGENTINA
	ARUBA (SEE NETHERLANDS ANTILLES)
	ASCENSION IS. (SEE ST. HELENA IS.)
AS	ASIA
	ASSUMPTION IS. (SEE SEYCHELLES IS. GROUP)
AC	ATLANTIC OCEAN
AT	AUSTRALIA INC. TASMANIA
AU	AUSTRIA
AZ	AZORES IS.
BF	BAHAMAS
BA	BAHREIN IS.
	BAKER IS. (SEE PHOENIX IS.)
BI	BALEARIC IS.
XB	BALTIC SEA
BB	BARBADOS
BS	BASUTOLAND
BK	BECHUANALAND
BE	BELGIUM
BW	BERLIN, WEST
BD	BERMUDA
BT	BHUTAN
	BISMARCK ARCH. (SEE NEW GUINEA)
XK	BLACK SEA
	BOKOTO IS. (SEE TAIWAN)
BL	BOLIVIA
	BONAIRE (SEE NETHERLANDS ANTILLES)
	BONIN IS. (SEE NANPO SHOTO)
	BORNEO (SEE INDONESIA)
BH	BORNHOLM IS.
	BOUGAINVILLE IS. (SEE SOLOMON IS.)
BV	BOUVET IS.
BR	BRAZIL

CODE	COUNTRY
BG	BRITISH GUIANA
BN	BRITISH HONDURAS
BX	BRUNEI
	BUKA IS. (SEE SOLOMON IS.)
BU	BULGARIA
BM	BURMA
BY	BURUNDI
	CABINDA (SEE ANGOLA)
	CAICOS IS. (SEE JAMAICA)
CB	CAMBODIA
CM	CAMEROON
CN	CANADA INC. LABRADOR AND NEWFOUNDLAND
CA	CANARY IS.
XC	CARIBBEAN SEA
CL	CAROLINE IS.
XA	CASPIAN SEA
CV	CAPE VERDE IS.
	CELEBES (SEE INDONESIA)
CD	CENTRAL AFRICAN REPUBLIC
	CEUTA (SEE MELILLA)
CE	CEYLON
CG	CHAD
	CHAFARINAS IS. (SEE MELILLA)
	CHAGOS IS. (SEE MASCARENE IS. GROUP)
CI	CHILE
CH	CHINA
	CHRISTMAS IS. (INDIAN OCEAN) (SEE COCOS IS.)
	CHRISTMAS IS. (PACIFIC OCEAN) (SEE LINE IS. GROUP)
CF	CLIPPERTON IS.
CK	COCOS IS. INC. CHRISTMAS IS. (INDIAN OCEAN)
CO	COLOMBIA INC. PROVIDENCIA IS.
	COMORO IS. (SEE MALAGASY)
CP	CONGO, REPUBLIC OF (FORMERLY FRENCH)
CX	CONGO, REPUBLIC OF THE (FORMERLY BELGIAN)
	COOK IS. (SEE WESTERN SAMOA)
CT	CORSICA
CS	COSTA RICA
CR	CRETE
	CROZET IS. (SEE PRINCE EDWARD IS.)
CU	CUBA INC. ISLE OF PINES
	CURACAO (SEE NETHERLANDS ANTILLES)
CY	CYPRUS
CZ	CZECHOSLOVAKIA
DA	DAHOMEY
	DAITO (SEE RYUKYU IS.)
DE	DENMARK, NOT INC. BORNHOLM IS.
DO	DODECANESE IS. INC. RHODES AND AEGEAN IS.
	DOMINICA IS. (SEE WINDWARD IS.)
DR	DOMINICAN REPUBLIC
GE	EAST GERMANY

CODE	COUNTRY
EA	EASTER IS. INC. SALA-Y-GOMEZ IS.
EC	ECUADOR INC. GALAPAGOS IS.
EG	EGYPT
ES	EL SALVADOR
	ELLICE IS. (SEE GILBERT AND ELLICE IS.)
	ERITREA (SEE ETHIOPIA)
ET	ETHIOPIA INC. ERITREA
EU	EUROPE
FO	FAEROES IS.
FA	FALKLAND IS. INC. S. GEORGIA, S. ORKNEY, S. SANDWICH, S. SHETLAND IS.
	FERNANDO PO IS. (SEE RIO MUNI)
FT	FIJI OR FIJI IS. INC. TONGA OR FRIENDLY IS.
FI	FINLAND INC. ALAND IS.
	FORMOSA (SEE TAIWAN)
FR	FRANCE
FG	FRENCH GUIANA
SF	FRENCH SOMALILAND
FW	FRENCH WEST INDIES (MARTINIQUE IS., GUADELOUPE IS. AND DEPEND.)
	FRIENDLY IS. (SEE FIJI)
GC	GABON
	GALAPAGOS IS. (SEE ECUADOR)
GA	GAMBIA
GW	GERMANY, FEDERAL REPUBLIC OF INC. SAAR BUT NOT WEST BERLIN
GH	GHANA
GI	GIBRALTAR
GN	GILBERT AND ELLICE IS., INC. NAURU IS.
GO	GOTLAND IS.
GR	GREECE NOT INC. CRETE, DODECANESE, OR AEGEAN IS.
GL	GREENLAND
	GREAT BRITAIN (SEE UNITED KINGDOM)
	GRENADA IS. (SEE WINDWARD IS.)
	GUADELOUPE IS. AND DEPEND. (SEE FRENCH WEST INDIES)
GU	GUAM
GT	GUATEMALA
GV	GUINEA
XG	GULF OF MEXICO
HA	HAITI
	HEARD IS. (SEE KERGUELEN ISLAND GROUP)
HO	HONDURAS
HK	HONG KONG
	HOWLAND IS. (SEE PHOENIX IS.)
HU	HUNGARY
IL	ICELAND
IF	IFNI
IN	INDIA INC. SIKKIM
IO	INDIAN OCEAN
ID	INDONESIA INC. BORNEO, CELEBES, JAVA, SUMATRA, IRIAN BARAT
IR	IRAN
IQ	IRAQ

CODE	COUNTRY
EI	IRELAND
	IRIAN BARAT (SEE INDONESIA)
	ISLE OF PINES (SEE CUBA)
IS	ISRAEL INC. JERUSALEM
IT	ITALY NOT INC. PANTELLERIA, SICILY, SARDINIA
IV	IVORY COAST
	IZU-SHOTO IS.(SEE NANPO SHOTO)
JM	JAMAICA AND DEPEND. (TURKS AND CAICOS IS.) MORANT AND PEDRO CAYS
JK	JAMMU AND KASHMIR (DISPUTED TERRITORY)
JN	JAN MAYEN IS.
JA	JAPAN NOT INC. OKINAWA
	JAVA (SEE INDONESIA)
	JERUSALEM (SEE ISRAEL)
JI	JOHNSTON IS.
JO	JORDAN
	KAMARAN IS. (SEE ADEN)
	KASHMIR (SEE JAMMU AND KASHMIR)
KE	KENYA
KG	KERGUELEN IS. GROUP (HEARD, SHAG, MC DONALD)
KN	KOREA, NORTH
KS	KOREA, SOUTH
KM	KURIA MURIA IS.
KU	KUWAIT INC. NEUTRAL ZONES OF ARABIA
	LABRADOR (SEE CANADA)
LC	LACCADIVE IS.
LA	LAOS
LE	LEBANON
LW	LEEWARD IS. INC. ANTIGUA AND DEPEND. MONTSERRAT, ST. CHRISTOPHER, ANGUILLA
LI	LIBERIA
LY	LIBYA
LS	LIECHTENSTEIN
LN	LINE ISLAND GROUP INC. CHRISTMAS IS. (PACIFIC OCEAN)
	LOYALTY IS. GROUP (SEE NEW CALEDONIA)
LX	LUXEMBOURG
MC	MACAO
MD	MADEIRA IS.
MA	MALAGASY REPUBLIC (FORMERLY MADAGASCAR) INC. COMORO IS., MAYOTTE IS.
NY	MALAWI (NYASALAND)
MF	MALAYA (STATES OF) INC. SINGAPORE
MV	MALDIVE IS.
RM	MALI
ML	MALTA
MU	MARCUS IS.
MS	MARIANAS IS. NOT INC. GUAM
	MARQUESAS IS. (SEE SOCIETY IS.)
MI	MARSHALL IS.
	MARTINIQUE IS. (SEE FRENCH WEST INDIES)
MR	MASCARENE IS. GROUP (CHAGOS, MAURITIUS, REUNION, RODRIGUEZ)
MT	MAURITANIA

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CODE	COUNTRY
	MAURITIUS IS. (SEE MASCARENE IS. GROUP)
	MAYOTTE IS. (SEE MALAGASY)
	MC DONALD IS. (SEE KERGUELEN ISLAND GROUP)
XM	MEDITERRANEAN SEA
ME	MELILLA INC. ALHUCEMAS, CEUTA, CHAFARINAS IS., PENON DE VELEZ DE LA GOMERA
MX	MEXICO
MW	MIDWAY IS.
	MIQUELON IS. (SEE ST. PIERRE AND MIQUELON)
MN	MONACO
MG	MONGOLIA
	MONTSERRAT (SEE LEEWARD IS.)
	MORANT CAYS (SEE JAMAICA)
MO	MOROCCO
MZ	MOZAMBIQUE
OM	MUSCAT AND OMAN
BJ	NANPO SHOTO INC. BONIN IS., IZU-SHOTO IS., VOLCANO IS.
	NAURU IS. (SEE GILBERT AND ELLICE IS.)
NP	NEPAL
NE	NETHERLANDS
NN	NETHERLANDS ANTILLES (CURACAO) INC. SABA, ST. MARTIN, ST. EUSTATIUS IS.
	NETHERLANDS GUIANA (SEE SURINAM)
	NEUTRAL ZONES OF ARABIA (SEE KUWAIT)
NC	NEW CALEDONIA AND DEPEND. INC. LOYALTY IS. GROUP
NW	NEW GUINEA, TERRITORY OF INC. PAPUA, BISMARCK ARCH., AND ADMIRALTY IS.
NH	NEW HEBRIDES CONDOMINIUM
NZ	NEW ZEALAND
	NEWFOUNDLAND (SEE CANADA)
NU	NICARAGUA
	NICOBAR IS. (SEE ANDAMAN IS. AND NICOBAR IS.)
NK	NIGER
NI	NIGERIA
NA	NORTH AMERICA
BO	NORTH BORNEO
	NORTHERN RHODESIA (SEE RHODESIA, NORTHERN)
	NORTH KOREA (SEE KOREA, NORTH)
	NORTH VIETNAM (SEE VIETNAM, NORTH)
NO	NORWAY NOT INC. SVALBARD
	NYASALAND (SEE MALAWI)
XO	OKHOTSK, (SEA)
	OKINAWA (SEE RYUKYU IS.)
	OMAN (SEE MUSCAT AND OMAN)
PC	PACIFIC OCEAN
EP	PAKISTAN (EAST)
PK	PAKISTAN (WEST)
PN	PANAMA
PZ	PANAMA CANAL ZONE
	PANTELLERIA IS. (SEE SICILY)
	PAPUA (SEE NEW GUINEA)
PA	PARAGUAY
	PEDRO CAYS (SEE JAMAICA)

CODE	COUNTRY
	PEMBA IS. (SEE ZANZIBAR)
	PENG HU IS. (SEE TAIWAN)
	PENON DE VELEZ DE LA GOMERA (SEE MELILLA)
	PERIM IS. (SEE ADEN)
XP	PERSIAN GULF
PE	PERU
	PESCADORES (SEE TAIWAN)
PI	PHILIPPINES
PH	PHOENIX IS. INC. BAKER IS., HOWLAND IS., AND UNION IS.
	PINES, ISLE OF (SEE CUBA)
PO	POLAND
PT	PORTUGAL NOT INC. AZORES, MADEIRA
PU	PORTUGUESE GUINEA
TM	PORTUGUESE TIMOR
PB	PRINCE EDWARD IS. INC. CROZET IS.
	PROVIDENCIA IS. (SEE COLOMBIA)
PR	PUERTO RICO
QA	QATAR
XR	RED SEA
	REUNION IS. (SEE MASCARENE IS. GROUP)
	RHODES (SEE DODECANESE IS.)
RY	RHODESIA, NORTHERN
RZ	RHODESIA, SOUTHERN
	RIO DE ORO (SEE SPANISH SAHARA)
RI	RIO MUNI INC. FERNANDO PO IS.
	RODRIGUEZ IS. (SEE MASCARENE IS. GROUP)
RU	RUMANIA
RA	RWANDA
RK	RYUKU IS. INC. OKINAWA AND DAITO IS.
	SABA (SEE NETHERLANDS ANTILLES)
	SAGUIA EL HAMRA (SEE SPANISH SAHARA)
	ST. CHRISTOPHER (SEE LEEWARD IS.)
	ST. EUSTATIUS IS. (SEE NETHERLANDS ANTILLES)
SH	ST. HELENA IS. WITH ASCENSION IS. AND TRISTAN DA CUNHA IS.
	ST. LUCIA IS. (SEE WINDWARD IS.)
	ST. MARTIN (SEE NETHERLANDS ANTILLES)
SQ	ST. PIERRE AND MIQUELON
	ST. VINCENT IS. (SEE WINDWARD IS.)
	SALA-Y-GOMEZ IS. (SEE EASTER IS.)
SO	SAMOA (AMERICAN)
	SAMOA, WESTERN (SEE WESTERN SAMOA)
SB	SAN MARINO
ST	SAO TOME E PRINCIPE
SG	SARAWAK
SD	SARDINIA
SR	SAUDI ARABIA
XJ	SEA OF JAPAN
XO	SEA OF OKHOTSK
SK	SENEGAL
SE	SEYCHELLES IS. GROUP INC. ADMIRAL IS., ALDABRA IS., ASSUMPTION IS.

CODE	COUNTRY
	SHAG IS. (SEE KERGUELEN ISLAND GROUP)
SI	SICILY INC. PANTELLERIA IS.
SL	SIERRA LEONE
	SIKKIM (SEE INDIA)
	SINGAPORE (SEE MALAYA FEDERATION)
SJ	SOCIETY IS., INC. MARQUESAS IS., TUBUAI IS., TUAMOTU IS. GROUP
RS	SOCOTRA IS.
SC	SOLOMON IS. INC. BOUGAINVILLE IS., BUKA IS.
SM	SOMALI REPUBLIC (SOMALIA)
UA	SOUTH AFRICA INC. SOUTHWEST AFRICA AND WALVIS BAY
SA	SOUTH AMERICA
	S. GEORGIA IS. (SEE FALKLAND ISLANDS)
	SOUTHERN RHODESIA (SEE RHODESIA, SOUTHERN)
	SOUTH KOREA (SEE KOREA, SOUTH)
	S. ORKNEY IS. (SEE FALKLAND ISLANDS)
	S. SANDWICH IS. (SEE FALKLAND ISLANDS)
	S. SHETLAND IS. (SEE FALKLAND ISLANDS)
	SOUTH VIETNAM (SEE VIETNAM, SOUTH)
SP	SPAIN NOT INC. CANARY IS., BALEARIC IS.
SS	SPANISH SAHARA INC. SAGUIA EL HAMRA AND RIO DE ORO
	SPITSBERGEN IS. (SEE SVALBARD)
	STATES OF MALAYA AND SINGAPORE (SEE MALAYA)
SU	SUDAN
	SUMATRA (SEE INDONESIA)
NS	SURINAM (NETHERLANDS GUIANA)
SV	SVALBARD (SPITSBERGEN) IS.
WA	SWAZILAND
SW	SWEDEN, NOT INC. GOTLAND IS.
SZ	SWITZERLAND
SY	SYRIA
TW	TAIWAN (FORMOSA), INC. PENG HU AND BOKOTO (PESCADORES) IS.
TA	TANGANYIKA
	TASMANIA (SEE AUSTRALIA)
TH	THAILAND
TI	TIBET
	TOBAGO (SEE TRINIDAD AND TOBAGO)
TO	TOGO
	TONGA IS. (SEE FIJI)
TD	TRINIDAD AND TOBAGO
	TRISTAN DA CUNHA IS. (SEE ST. HELENA IS.)
TC	TRUCIAL OMAN OR TRUCIAL COAST
	TUAMOTU IS. GROUP (SEE SOCIETY IS.)
	TUBUAI IS. (SEE SOCIETY IS.)
TU	TUNISIA
TK	TURKEY
	TURKS IS. (SEE JAMAICA)
UG	UGANDA
	UNION IS. (SEE PHOENIX IS.)
UR	UNION OF SOVIET SOCIALIST REPUBLICS
UK	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND INC. CHANNEL IS.
US	UNITED STATES OF AMERICA

CODE	COUNTRY
UV	UPPER VOLTA
UY	URUGUAY
VT	VATICAN CITY
VE	VENEZUELA
VN	VIETNAM, NORTH
VS	VIETNAM, SOUTH
VI	VIRGIN IS.(BRITISH)
VU	VIRGIN IS. (UNITED STATES)
	VOLCANO IS. (SEE NANPO SHOTO)
WK	WAKE IS.
WS	WESTERN SAMOA (NEW ZEALAND TRUST TERRITORY) AND COOK IS.
WI	WINDWARD IS. INC. DOMINICA, GRENADA, ST. VINCENT, ST. LUCIA
YE	YEMEN
YU	YUGOSLAVIA
ZA	ZANZIBAR INC. PEMBA IS.

DECODING SECTION

CODE	COUNTRY
AA	AFRICA
AC	ATLANTIC OCEAN
AD	ADEN INC. KAMARAN IS., PERIM IS.
AF	AFGHANISTAN
AG	ALGERIA
AL	ALBANIA
AM	ANDAMAN IS. AND NICOBAR IS.
AN	ANDORRA
AO	ANGOLA INC. CABINDA
AR	ARGENTINA
AS	ASIA
AT	AUSTRALIA INC. TASMANIA
AU	AUSTRIA
AX	ARCTIC OCEAN
AY	ANTARCTICA
AZ	AZORES IS.
BA	BAHREIN IS.
BB	BARBADOS
BD	BERMUDA
BE	BELGIUM
BF	BAHAMAS
BG	BRITISH GUIANA
BH	BORNHOLM IS.
BI	BALEARIC IS.
BJ	NANPO SHOTO INC. BONIN IS., IZU-SHOTO IS., VOLCANO IS.
BK	BECHUANALAND
BL	BOLIVIA
BM	BURMA
BN	BRITISH HONDURAS
BO	NORTH BORNEO
BR	BRAZIL
BS	BASUTOLAND
BT	BHUTAN
BU	BULGARIA
BV	BOUVET IS.
BW	BERLIN, WEST
BX	BRUNEI
BY	BURUNDI
CA	CANARY IS.
CB	CAMBODIA
CD	CENTRAL AFRICAN REPUBLIC
CE	CEYLON
CF	CLIPPERTON IS.
CG	CHAD
CH	CHINA
CI	CHILE
CK	COCOS IS. INC. CHRISTMAS IS. (INDIAN OCEAN)
CL	CAROLINE IS.
CM	CAMEROON
CN	CANADA INC. LABRADOR AND NEWFOUNDLAND

CODE	COUNTRY
CO	COLOMBIA INC. PROVIDENCIA IS.
CP	CONGO, REPUBLIC OF (FORMERLY FRENCH)
CR	CRETE
CS	COSTA RICA
CT	CORSICA
CU	CUBA INC. ISLE OF PINES
CV	CAPE VERDE IS.
CX	CONGO, REPUBLIC OF THE (FORMERLY BELGIAN)
CY	CYPRUS
CZ	CZECHOSLOVAKIA
DA	DAHOMEY
DE	DENMARK, NOT INC. BORNHOLM IS.
DO	DODECANESE IS. INC. RHODES AND AEGEAN IS.
DR	DOMINICAN REPUBLIC
EA	EASTER IS. INC. SALA-Y-GOMEZ IS.
EC	ECUADOR INC. GALAPAGOS IS.
EG	EGYPT
EI	IRELAND
EP	PAKISTAN (EAST)
ES	EL SALVADOR
ET	ETHIOPIA INC. ERITREA
EU	EUROPE
FA	FALKLAND IS. INC. S. GEORGIA, S. ORKNEY, S. SANDWICH, S. SHETLAND IS.
FG	FRENCH GUIANA
FI	FINLAND INC. ALAND IS.
FO	FAEROES IS.
FR	FRANCE
FT	FIJI OR FIJI IS. INC. TONGA OR FRIENDLY IS.
FW	FRENCH WEST INDIES (MARTINIQUE IS., GUADELOUPE IS. AND DEPEND.)
GA	GAMBIA
GC	GABON
GE	EAST GERMANY
GH	GHANA
GI	GIBRALTAR
GL	GREENLAND
GN	GILBERT AND ELLICE IS., INC. NAURU IS.
GO	GOTLAND IS.
GR	GREECE NOT INC. CRETE, DODECANESE, OR AEGEAN IS.
GT	GUATEMALA
GU	GUAM
GV	GUINEA
GW	GERMANY, FEDERAL REPUBLIC OF INC. SAAR BUT NOT WEST BERLIN
HA	HAITI
HK	HONG KONG
HO	HONDURAS
HU	HUNGARY
ID	INDONESIA INC. BORNEO, CELEBES, JAVA, SUMATRA, IRIAN BARAT

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CODE	COUNTRY
IF	IFNI
IL	ICELAND
IN	INDIA INC. SIKKIM
IO	INDIAN OCEAN
IQ	IRAQ
IR	IRAN
IS	ISRAEL INC. JERUSALEM
IT	ITALY NOT INC. PANTELLERIA, SICILY, SARDINIA
IV	IVORY COAST
JA	JAPAN NOT INC. OKINAWA
JI	JOHNSTON IS.
JK	JAMMU AND KASHMIR (DISPUTED TERRITORY)
JM	JAMAICA AND DEPEND. (TURKS AND CAICOS IS.) MORANT AND PEDRO CAYS
JN	JAN MAYEN IS.
JO	JORDAN
KE	KENYA
KG	KERGUELEN IS. GROUP (HEARD, SHAG, MC DONALD)
KM	KURIA MURIA IS.
KN	KOREA, NORTH
KS	KOREA, SOUTH
KU	KUWAIT INC. NEUTRAL ZONES OF ARABIA
LA	LAOS
LC	LACCADIVE IS.
LE	LEBANON
LI	LIBERIA
LN	LINE ISLAND GROUP INC. CHRISTMAS IS. (PACIFIC OCEAN)
LS	LIECHTENSTEIN
LW	LEEWARD IS. INC. ANTIGUA AND DEPEND. MONTSERRAT, ST. CHRISTOPHER, ANGUILLA
LX	LUXEMBOURG
LY	LIBYA
MA	MALAGASY REPUBLIC (FORMERLY MADAGASCAR) INC. COMORO IS., MAYOTTE IS.
MC	MACAO
MD	MADEIRA IS.
ME	MELILLA INC. ALHUCEMAS, CEUTA, CHAFARINAS IS., PENON DE VELEZ DE LA GOMERA
MF	MALAYA (STATES OF) INC. SINGAPORE
MG	MONGOLIA
MI	MARSHALL IS.
MK	WAKE IS.
ML	MALTA
MN	MONACO
MO	MOROCCO
MR	MASCARENE IS. GROUP (CHAGOS, MAURITIUS, REUNION, RODRIGUEZ)
MS	MARIANAS IS. NOT INC. GUAM
MT	MAURITANIA
MU	MARCUS IS.
MV	MALDIVE IS.
MW	MIDWAY IS.
MX	MEXICO
MZ	MOZAMBIQUE

CODE	COUNTRY
NA	NORTH AMERICA
NC	NEW CALEDONIA AND DEPEND. INC. LOYALTY IS. GROUP
NE	NETHERLANDS
NH	NEW HEBRIDES CONDOMINIUM
NI	NIGERIA
NK	NIGER
NN	NETHERLANDS ANTILLES (CURACAO) INC. SABA, ST. MARTIN, ST. EUSTATIUS IS.
NO	NORWAY NOT INC. SVALBARD
NP	NEPAL
NS	SURINAM (NETHERLANDS GUIANA)
NU	NICARAGUA
NW	NEW GUINEA, TERRITORY OF INC. PAPUA, BISMARCK ARCH., AND ADMIRALTY IS.
NY	MALAWI (NYASALAND)
NZ	NEW ZEALAND
OM	MUSCAT AND OMAN
PA	PARAGUAY
PB	PRINCE EDWARD IS. INC. CROZET IS.
PC	PACIFIC OCEAN
PE	PERU
PH	PHOENIX IS. INC. BAKER IS., HOWLAND IS., AND UNION IS.
PI	PHILIPPINES
PK	PAKISTAN (WEST)
PN	PANAMA
PO	POLAND
PR	PUERTO RICO
PT	PORTUGAL NOT INC. AZORES, MADEIRA
PU	PORTUGUESE GUINEA
PZ	PANAMA CANAL ZONE
QA	QATAR
RA	RWANDA
RI	RIO MUNI INC. FERNANDO PO IS.
RK	RYUKU IS. INC. OKINAWA AND DAITO IS.
RM	MALI
RS	SOCOTRA IS.
RU	RUMANIA
RY	RHODESIA, NORTHERN
RZ	RHODESIA, SOUTHERN
SA	SOUTH AMERICA
SB	SAN MARINO
SC	SOLOMON IS. INC. BOUGAINVILLE IS., BUKA IS.
SD	SARDINIA
SE	SEYCHELLES IS. GROUP INC. ADMIRAL IS., ALDABRA IS., ASSUMPTION IS.
SF	FRENCH SOMALILAND
SG	SARAWAK
SH	ST. HELENA IS. WITH ASCENSION IS. AND TRISTAN DA CUNHA IS.
SI	SICILY INC. PANTELLERIA IS.
SJ	SOCIETY IS., INC. MARQUESAS IS., TUBUAI IS., TUAMOTU IS. GROUP

CODE	COUNTRY
SK	SENEGAL
SL	SIERRA LEONE
SM	SOMALI REPUBLIC (SOMALIA)
SO	SAMOA (AMERICAN)
SP	SPAIN NOT INC. CANARY IS., BALEARIC IS.
SQ	ST. PIERRE AND MIQUELON
SR	SAUDI ARABIA
SS	SPANISH SAHARA INC. SAGUIA EL HAMRA AND RIO DE ORO
ST	SAO TOME E PRINCIPE
SU	SUDAN
SV	SVALBARD (SPITSBERGEN) IS.
SW	SWEDEN NOT INC. GOTLAND IS.
SY	SYRIA
SZ	SWITZERLAND
TA	TANGANYIKA
TC	TRUCIAL OMAN OR TRUCIAL COAST
TD	TRINIDAD AND TOBAGO
TH	THAILAND
TI	TIBET
TK	TURKEY
TM	PORTUGUESE TIMOR
TO	TOGO
TU	TUNISIA
TW	TAIWAN (FORMOSA), INC. PENG HU AND BOKOTO (PESCADORES) IS.
UA	SOUTH AFRICA INC. SOUTHWEST AFRICA AND WALVIS BAY
UG	UGANDA
UK	UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND INC. CHANNEL IS.
UR	UNION OF SOVIET SOCIALIST REPUBLICS
US	UNITED STATES OF AMERICA
UV	UPPER VOLTA
UY	URUGUAY
VE	VENEZUELA
VN	VIETNAM, NORTH
VS	VIETNAM, SOUTH
VT	VATICAN CITY
VI	VIRGIN IS.(BRITISH)
VU	VIRGIN IS. (UNITED STATES)
WA	SWAZILAND
WI	WINDWARD IS. INC. DOMINICA, GRENADA, ST. VINCENT, ST. LUCIA
WS	WESTERN SAMOA (NEW ZEALAND TRUST TERRITORY) AND COOK IS.
XA	CASPIAN SEA
XB	BALTIC SEA
XC	CARIBBEAN SEA
XG	GULF OF MEXICO
XJ	SEA OF JAPAN
XK	BLACK SEA
XM	MEDITERRANEAN SEA
XO	OKHOTSK (SEA)

CODE	COUNTRY
XO	SEA OF OKHOTSK
XP	PERSIAN GULF
XR	RED SEA
YE	YEMEN
YU	YUGOSLAVIA
ZA	ZANZIBAR INC. PEMBA IS.

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